Incident Name: South 4 Group Fire Period: Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

Approved By

Jefferson County Judge: Branick, Jeff

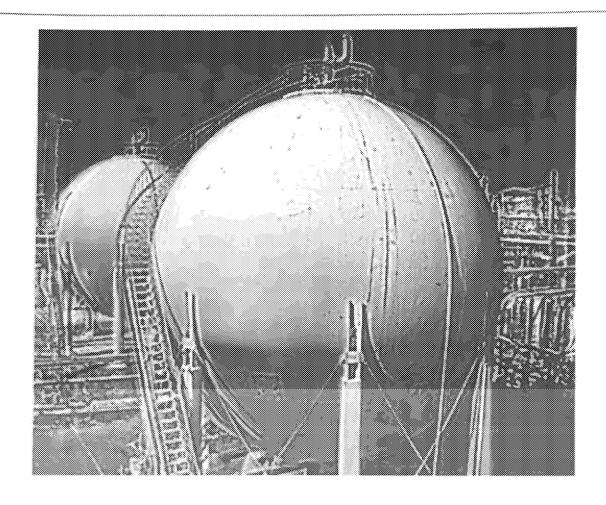
State OSC: Kirksey, Sarah / All Solings

EOC Manager: Wright, Mike

# **Incident Action Plan**

Notes

MAY CONTAIN PERSONAL IDENTIFYING INFORMATION, CONFIDENTIAL INFORMATION, OR SENSITIVE SECURITY INFORMATION, MAY BE EXEMPT FROM DISCLOSURE UNDER THE FREEDOM OF INFORMATION ACT OR TEXAS PUBLIC INFORMATION ACT



	<b>**</b> **********************************	A6666666666666666666666666666666666666
IAP Cover Shoet	Prepared By IAP Support, I	apdated 12/08/2019 15:18 UTC -6:00 FP
\$2000000000000000000000000000000000000	\$	p
##CD##Y ACTION PLAN SOFTWARE*	1 0/ 64	OTRG

ncident Name: South 4 Group Fire	Period: Period 9 [12/07/19 06:00 - 12/08/19 06:0
Report Name	Pag
AP Cover Sheet	
Veather Report	
CS 202 - Incident Objectives	
CS 202a - Command Direction	
CS 202b - Critical Information Requirements	
CS 203 - Organization Assignment List	
CS 204 - Assignment List	1
CS 205a - Communications List	
CS 206 - Medical Plan	
CS 207 - Organization Chart	
CS 208 - Site Safety Plan	
CS 220 - Air Operations Summary	6

2 of 64

© TRG

INCIDENT ACTION PLAN SOFTWARE  $^{\text{\tiny TM}}$ 

Printed 12/06/2019 17:29 UTC -6:00

 Weather Report
 Version Name: 20191206 @ 1600

 Incident Name: South 4 Group Fire
 Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

# Present Conditions

# Weather Conditions as of 12/06/2019 15:44

# beaumont/port ar station id: MID\_KBPT

Temperature: 73° Fahrenheit

Wind Speed: 13 mph

Wind Direction (from): NW

Visibility: 10 mile(s)

Humidity (%): 50 %

Short Description: Sunny

Full Description: Sunny

Current Speed:

Current Direction (to):

Water Temperature: ° Fahrenheit

Feels Like: 73° Fahrenheit

Dew Point: 54° Fahrenheit

Pressure: 30.07

**UV Index:** 

**Sunrise:** 06:57

**Sunset:** 17:16

Wave Height:

Wave Direction:

Swell Interval:

Forecast Date				Night
<b>Fri</b> 12/06/2019		Mostly cloudy, then gradually becoming sunny, with a high near 76. West wind around 10 mph becoming northwest in the afternoon.		Partly cloudy, with a low around 55. North wind around 10 mph.  Chance of Precipitation(%): 1%
		Chance of Precipitation(%): 3%		
	76 F	Wind: 9 mph	52 F	Wind: 8 mph
<b>Sat</b> 12/07/2019		Partly sunny, with a high near 66. Northeast wind 5 to 10 mph.  Chance of Precipitation(%): 1%		Mostly cloudy, with a low around 52. East wind around 5 mph.  Chance of Precipitation(%): 1%
	66 F	Wind: 7 mph	50 F	Wind: 4 mph
<b>Sun</b> 12/08/2019		Partly sunny, with a high near 69. East wind 5 to 10 mph becoming south in the morning.		Mostly cloudy, with a low around 61. South wind around 10 mph.
12.00,2010	V	Chance of Precipitation(%): 1%		Chance of Precipitation(%): 1%
	69 F	Wind: 7 mph	60 F	Wind: 9 mph

lides				
Tide	Height	UOM	Time	Tide Station Location
High	0.766	feet	01:34	Port Arthur, Tx Us
Low	0.218	feet	08:52	Port Arthur, Tx Us
High	0.493	feet	14:58	Port Arthur, Tx Us
Low	0.43	feet	18:16	Port Arthur, Tx Us
	High Low High	High 0.766  Low 0.218  High 0.493	High         0.766         feet           Low         0.218         feet           High         0.493         feet	High         0.766         feet         01:34           Low         0.218         feet         08:52           High         0.493         feet         14:58

Weather Report			Jpdated 12/06/2019 15:45 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE <sup>TM</sup>	Printed 12/06/2019 17:28 UTC -6:00	3 of 64	© TRG

port				Version Name: 20191206 @ 1600
South 4	Group Fire	9		Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]
High	0.746	feet	01:20	Port Arthur, Tx Us
Low	0.086	feet	08:54	Port Arthur, Tx Us
High	0.572	feet	15:59	Port Arthur, Tx Us
Low	0.53	feet	18:49	Port Arthur, Tx Us
High	0.751	feet	01:15	Port Arthur, Tx Us
Low	-0.056	feet	08:56	Port Arthur, Tx Us
High	0.65	feet	16:53	Port Arthur, Tx Us
Low	0.62	feet	19:30	Port Arthur, Tx Us
	South 4 High Low High Low High Low High	South 4 Group Fire           High         0.746           Low         0.086           High         0.572           Low         0.53           High         0.751           Low         -0.056           High         0.65	South 4 Group Fire           High         0.746         feet           Low         0.086         feet           High         0.572         feet           Low         0.53         feet           High         0.751         feet           Low         -0.056         feet           High         0.65         feet	South 4 Group Fire         High       0.746       feet       01:20         Low       0.086       feet       08:54         High       0.572       feet       15:59         Low       0.53       feet       18:49         High       0.751       feet       01:15         Low       -0.056       feet       08:56         High       0.65       feet       16:53

Weather Report		Prepared By Jake Webb, U	Jpdated 12/06/2019 15:45 UTC -6:00 PP	
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:28 UTC -6:00	4 of 64	© TRG	

ncident Name: South 4 Group Fire	
	Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00
-	ective
Ensure the Safety of the Public and Response Personnel	
Maximize Protection of Environmentally-Sensitive Areas	
Stabilize the Incident and Protect Unaffected Assets and Physic	al Infrastructure
Contain, Recover, and Dispose of Spilled Material	
Manage Coordinated Response Effort	
Keep Stakeholders, Local Government, and Public Informed of I	
Operational Period Command Emphasis (Safet	ty Message, Priorities, Key Decisions/Directions)
Ensure proper Site Safety Plan and Risk Analysis when conduct	ting tactics.
Support mandatory evacuation/shelter, if ordered.	
Support rehab for first responders.	
Maintain situational awareness including atmospheric conditions	5.
Establish estimated inventory of remaining product.	
Maintain an inventory of fire fighting water volume and remaining being used and remaining inventory.	g containment capacity. Maintain record of fire suppression foan
Establish and maintain an approved air monitoring plan with a p	ublic health component.
Establish and maintain Document Retention, especially in regar	ds to decision making documents.
Prioritize the prevention of incident related materials from being	discharged into the Neches River.
Ainimize emissions and odors.	
CS 202 - Incident Objectives	Prepared By IAP Support, Updated 12/06/2019 14:36 UTC -6:00 P
NCIDENT ACTION PLAN SOFTWARE™ Printed 12/06/2019 17:29 UTC -6:00	5 of 64 © TR(

ICS 202a - Command Direction Version Name: Period 9 Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00] Incident Name: South 4 Group Fire **Priorities** People (Life Safety) Assets **Environment Protection** Incident Stabilization Protect Transportation Infrastructure Waterway Management Public and Stakeholder Engagement Evidence Preservation **Property Preservation** Society Restoration/Business Continuity Information Management Resumption of Commerce Reputation Limitations and Constraints Weather Conditions **Night Operations** Location of the Incident Availability/Shortfall of Resources Transportation/Logistics Support Infrastructure Permits (Authorization to Apply Alternate Response Techniques) Wildlife Activities (Fish, Birds, etc.) Access to Shoreline (Private vs Public Lands) Spilled Material Characteristics (Monitoring/PPE Requirements) Public Health Community/Media Perception Changes in Evacuation or SIP Orders, as Ordered by Jefferson County Judge **Evidence Preservation** Work/Rest Rotation Requirements Disposal of Waste Jurisdictional Issues

ICS 202a - Command Direction		Prepared By IAP Support, Upda	ated 12/06/2019 12:53 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	6 of 64	© TRG

# Key Decisions and Procedures

# **Key Decisions**

- Makeup of UC Federal, State, Local, & RP
- Name of Incident = South 4 Group Fire
- Overall Response Organization Staffing
  - Operations Section Chief & Deputy OSC = TPC
  - Planning Section Chief & Deputy PSC = TPC
  - Logistics Section Chief = TPC
  - Finance Section Chief = TPC
  - Safety Officer = TPC
  - Public Information Officer = TPC
  - Liaison Officer = TPC
  - Environmental Unit Leader = TPC

Note: section chiefs have full authority on filling positions; however, ensure agencies are integrated into the organization

- Command Post 3501 Turtle Creek Dr., port Arthur, Tx 77642
- Joint Information Center 3501 Turtle Creek Dr., port Arthur, Tx 77642
- Operational Period and work hours 24 Hour Ops Period from 0600hrs to 0600hrs
- All external releases of information should be approved by UC (Press releases and press conferences)
- Any resource request over \$10,000(pending logistics) should be approved by EOC Manager
- Any issues around waterway management will be managed, as required, with the USCG

### **Procedures**

- Resource Requests / Ordering Process (ICS 213 RR)
- · Press Releases / External Reporting Procedures Done
- · External Reporting Review & Approval Process Planning Cycle
- Operational Security Process TRG Lanyards and Badges
- · Documentation Process and Guidelines IAP Software, following document retention
- · Finance Operating Guidelines Is deployed
- Claims Process Number established (866) 601-5880
- Demobilization Process
- Shoreline Cleanup Assessment Techniques As applicable

ICS 202a - Command Direction	1	Prepared By IAP Support, Upda	ated 12/06/2019 12:53 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE <sup>TM</sup>	Printed 12/06/2019 17:29 UTC -6:00	7 of 64	© TRG

# **Critical Incident Reporting Threshold (Critical Information Reports):**

Notify Unified Command Immediately for any of the Following:

- · Injury Beyond First Aid or Death
- Evacuations
  - Any Change to Evacuation/SIP Order
- Any Air Monitoring Results Exceeding Action Levels
- · Critical Response Equipment Status Change
- Change in the Source Status
- Critical Weather Events
- Public Infrastructure Closures (Parks, Boat Ramps, Railroads, Roads, etc.)
- Protests / Demonstrations
- Significant Security Issues
- · Breach of Safety Zone
- VIP Visits
- Dead or Oil Impacted Wildlife
- Adverse Media Coverage or Stakeholder Input
- Affected Public Seeking Medical Attention
- Significant Response Events
- Impacts to Commerce
- · Any Unaccounted For or Unauthorized Personnel in the Field
- · Special Requests from Agencies
- Impacts to Water Intake of the Neches River
  - Release of Sheen or Product to the Neches River
- When Containment Level of Any Area, Including Outfall Area, Reaches Critical Levels

#### **ROUTINE REPORTING:**

#### Situation Unit:

- Progress Report ICS-209 Incident Status Summary (Daily Report 1800hrs)
- Live Common Operating Picture (Displays Ongoing)
- Spot Weather Report, Trajectories & Meeting Schedule (Displays Hourly)
  - Command and General Staff Meeting 1900hrs at New ICP (Rest of Meeting Schedule to Follow)

#### Operations:

- Operational Status Update Prior to Objectives Meeting & Key Trigger Points in the Response (Milestones/Operational Constraints/Challenges/Future OPS) from OSC/PSC/Logistics) - (Briefing)
- Fire Water Reportout, Including Fire Water Runoff/Discharged to Both Wastewater Treatment and Outfall (0600 Operations Briefing)

#### Liaison Officer:

- Agencies Assigned to Incident Listing (Report 0800hrs)
- Adversely Impacted and Involved Stakeholders Listing (Report 0800hrs)

#### Public Information Officer:

- Media Talking Points from PIO (Daily Report 0800hrs)
- PIO to Report on Media Climate (Report/Briefing 0800hrs)

#### Finance:

- Burn Rate from Finance (Report 0800hrs)
- Updated Claims Information (Report 0800hrs)

ICS 202b - Critical Information	Requirements	Prepared By IAP Support, Upda	ated 12/06/2019 13:02 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	8 of 64	© TRG

ICS 203 - Organization As	signment List		Version Name: 20191207	
Incident Name: South 4 Group Fi	re	Period: Period 9 [12/07/201	9 06:00 - 12/08/2019 06:00]	
Command		Operations Section		
Federal OSC Night	Fisher, Bray	Air Monitoring Group	Scott, Alex	
State OSC Night	Kirksey, Sarah	Air Monitoring Group	Davis, Jason	
Incident Commander Day	McDonald, Scott	Air Monitoring Group	Tijerina, Pamella	
Safety Officer Field Day	Smart, Jeremy	Air Monitoring Group	Layton, Jillian	
Public Information Officer	Cronin, Sara	Air Monitoring Group	Turner, Michael	
Liaison Officer	Sanders, Jason	——Air Monitoring Group	Tighe, Daniel	
		Air Monitoring Group	Easton, Linda	
EOC Manager Night	Wright, Mike	Air Ops Group Supervisor	Allen, Bryce	
ICS Technical Specialist Day	Tannehill, Lance	Asbestos & Debris Recovery Group	Henault, Andrew	
Local Government OSC	White, Michael	Deputy Operations Section Chief	Hutto, David	
EOC Manager Day	Monk, Troy	Division A Supervisor	Garcia, Thomas	
Federal OSC Day	Adams, Adam	Division B Supervisor	Williams, Jordan	
Incident Commander Night	Hollier, Kurt	Division C Supervisor	Blanchard, Leland	
Safety Officer Day	Block, Michael	Division D Supervisor	Bowers, Daniel	
Safety Officer Night	Dorsa, Clayton	Division E Supervisor	Williams, Jordan	
State OSC Day	Jefferson, Alma	Env Sampling Group	Allaby, Eric	
Deputy Federal OSC	Patel, Anish	Env Sampling Group	Gueringer, Jeremy	
ICS Technical Specialist Night	Torres, Joe	Env Sampling Group	Tighe, Daniel	
Liaison Officer	Jascek, Becky	Environmental Specialist	Miller, Mike	
Safety Officer Field Night	Hanks, Scot	Environmental Specialist	Broomes, Ebunoluwa Holly, Chad	
Planning Section		Fire Suppression Group Supervisor  Day	Holly, Cliau	
Demobilization Unit Leader	Cole, Bethany	Fire Suppression Group Supervisor	Williams, James	
Documentation Unit Leader	Moore, Josh	Night	O I' I D	
GIS Specialist	Gray, Kevin	——Huntsman Gate 44 - Staging Area Manager	Carlisle, Bryan	
Planning Section Chief Day	LaFollette, Michael	Main Gate Staging Area	McGlothin, Jack	
Planning Section Chief Night	Park, Johnny	OPERA Staging Area	Hellickson, Jacob	
Resource Unit Leader	Nail, Johnny	Operations Section Chief Night	Carlton, Doug	
Situation Unit Leader	Webb, Jake	Operations Section Chief Day	Lynn, Mike	
Technical Liaison	Heimeyer, Nathan	Recovery & Protection Branch Director	Blanchard, Cory (Clean Harbors)	
		SCAT Group	TGLO	
		Staging Area Manager	TRG -Hellickson, Jacob	
		Staging Branch Director	Dainwood, Mikel	
		Support Services Branch Director	Sanders, Jason	
		Support Services Branch Director	Shawnwnek, Sean	
		TPC Docks Staging Area Manager	Smart, Jeremy	
		UAS - Aircraft Coordinator	Cameron, Chris	
		Waste Management Group Supervisor	Mcmullian, Tami	
		Wildlife Group Supervisor	Riesinger, Joyce	
		Decontamination Group	McMullin, Tami	
ICS 203 - Organization Assignm	nent List	Prepared By Planning Section, Upo	lated 12/06/2019 17:28 UTC -6: PF	
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	9 of 64	© TRG	

ICS 203 - Organization Assignment List		Version Name: 2019120		
Incident Name: South 4 Group Fire		Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]		
Logistics Section		Water Sampling Group	Allaby, Eric	
Communications Unit Leader Day	Dyer, Ernie	Water Sampling Group	McMullin, Tami	
Communications Unit Leader Night	Ray, David	Water Sampling Group	Reilly, Michael	
Deputy Logistics Section Chief		Water Sampling Group	Perez, Angela	
Facilities Unit Leader		Finance Section		
Food Unit Leader		Compensation/Claims Unit Leader		
Ground Support Unit Leader	Moore, Jeff	Finance Section Chief Day	Guilbeau, Koy	
Logistics Section Chief Day	Wiszmann, Mike	Finance Section Chief Night	Sanders, Ashley	
Deputy Logistics Section Chief	Elton, Lawson	Finance Section Chief Night	Marshall, Linda	
Day		Finance Section Chief Night	Nelson, Jacqueline	
Deputy Logistics Section Chief Night	Zant, Casey	Finance Section Chief Night		
Medical Unit Leader		P2P	Thibodeaux, Keryn	
Service Branch Director		Procurement Unit Leader Day	Burke, Dona	
Staging Coordinator	Dainwood, Mikel	Procurement Unit Leader Night	Koskie, Bill	
Supply Unit Leader				
Support Branch Director				
Other Sections / Positions	·			
Section	Position	Pers	on	

Other Sections / Positions		
Section	Position	Person
JIC	APIO Information Gathering/Website Specialist	Lamberth, Erika
JIC	APIO Information Products	
JIC	PIO	Cronin, Sara
JIC	Information Products - Writer	
JIC	Social Media Specialist	
JIC	JIC Manager	
JIC	Media Relations	

ICS 203 - Organization Assign	ment List	Prepared By Planning Section	n, Updated 12/06/2019 17:28 UTC -6: PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	10 of 64	© TRG

Name Carlton, Lynn, Go	_	Operations Pe					
Carlton, Lynn, Go	_		rsonnel				
Lynn, Go		Affiliation		Contact Nun	nber(s)	Work S	hift
	Doug	TPC Group					***************************************
Sanders	ordon	TPC Group					***************************************
Sanders		-					
Canacis	, Jason	TPC Group		Ex. 6 Personal Privacy (PF			
Jaschek,	, Rebecca	TPC Group					
Wnek, S	hawn	CTEH		(b) (6)	<b>]</b>	:	
Easton, l	Linda	CTEH		(b) (6)	************************	***************************************	*******************************
		EPA Region 6					
		TCEQ		409-728-397	5		***************************************
TCEQ-T	urner, Michael	NRC - National Corporation	Response	734-351-965	66		
Allaby, E	Eric	CTEH		(b) (6)			
CTEH-S	cott, Alex	CTEH		(b) (6)			
CTEH-Ti Pamella	ijerina,	CTEH		(b) (6)			
		Resources Re	equired				
	Resource Kin	d	Description		Q	uantity	Size
	Equipment: Sa	t: Safety Benzer		3	10	each	
	Air Monitor - M	Monitor - MultiRAE		/JultiRAE	62	each	
	Air Monitor - U	ItraRAE	Air Monitor - U	JltraRAE	40	each	
	Air Monitoring	Technician	TPC (CTEH) /	Air Monitoring Te	ch 22	each	
	Equipment: Sa	fety	Butadiene Tul	oes	20	each	
	Air Monitoring	Technician			4 (	each	
	Air Monitoring	Technician	TCEQ (NRC)	Air Monitoring To	ech 8 e	each	
	Equipment: Sa	fety	Air Monitor - D	RAGER X-PID	25	each	
	Equipment: Sa	fety	AM510/AM52	0	25	each	
	Aircraft: Fixed	Wing	ASPECT - Air	Monitoring Aircr	aft 1 e	each	feet
	Air Monitor - A	reaRAE	Air Monitor - A	reaRAE	19	each	
MARAMARAMARAMARAMARAMARAMARAMARAMARAMAR	All Mollitor - A						
	Manpower: Re	sponder	Analytical Tea	ım		each	
			Analytical Tea Facility Super		15	each each	
	Manpower: Re	pervisor		visor	15 1 e	**********	
	Manpower: Re Manpower: Su	pervisor sponder	Facility Super	visor n	15 1 6 9 6	each	
_	Easton, Tighe, D Layton, TCEQ-T Allaby, E CTEH-S CTEH-T	Resource Kin Equipment: Sa Air Monitor - M Air Monitor - U Air Monitoring Equipment: Sa Air Monitoring Air Monitoring Equipment: Sa	Easton, Linda  CTEH  Tighe, Daniel  Layton, Jillian  TCEQ  TCEQ-Turner, Michael  Allaby, Eric  CTEH  CTEH-Scott, Alex  CTEH  CTEH-Tijerina, Pamella  Resource Kind  Equipment: Safety  Air Monitor - MultiRAE  Air Monitoring Technician  Equipment: Safety  Air Monitoring Technician  Equipment: Safety  Air Monitoring Technician  Equipment: Safety  Air Monitoring Technician  Equipment: Safety	Easton, Linda  CTEH  Tighe, Daniel  Layton, Jillian  TCEQ  TCEQ-Turner, Michael  Allaby, Eric  CTEH  CTEH-Scott, Alex  CTEH  CTEH-Tijerina, Pamella  Resources Required  Resource Kind  Equipment: Safety  Air Monitor - MultiRAE  Air Monitor - UltraRAE  Air Monitor - UltraRAE  Air Monitoring Technician  Equipment: Safety  Air Monitoring Technician  EPA (START-Monitoring Technician  Equipment: Safety  Air Monitoring Technician  TCEQ (NRC)  Equipment: Safety  Air Monitor - Equipment: Safety  Air Monitoring Technician  CTEH  CTE	Easton, Linda  CTEH  Tighe, Daniel EPA Region 6 TOEQ A09-728-397: TOEQ-Turner, Michael Allaby, Eric CTEH  CTEH  CTEH  CTEH-Scott, Alex CTEH  CTEH-Tijerina, Pamella  Resource Kind Equipment: Safety Air Monitor - MultiRAE Air Monitor - UltraRAE Air Monitoring Technician Air Monitoring Technician Equipment: Safety Air Monitoring Technician Air Monitor - DRAGER X-PID  Air Monitor - DRAGER X-PID  Air Monitor - DRAGER X-PID	Easton, Linda CTEH  Tighe, Daniel EPA Region 6 713-397-1550 Layton, Jillian TCEQ 409-728-3975 TCEQ-Turner, Michael NRC - National Response Corporation Allaby, Eric CTEH CTEH-Scott, Alex CTEH CTEH-Tijerina, Pamella  Resource Kind Description Equipment: Safety Benzen Tubes 10 Air Monitor - MultiRAE Air Monitor - MultiRAE 40 Air Monitoring Technician TPC (CTEH) Air Monitoring Tech 22 Equipment: Safety Butadiene Tubes 20 Air Monitoring Technician TCEQ (NRC) Air Monitoring Tech 8 6 Equipment: Safety Air Monitoring Tech 8 6 Equipment: Safety Air Monitoring Tech 8 6 Equipment: Safety Air Monitoring Tech 25	Easton, Linda  CTEH  (b) (6)  Tighe, Daniel  EPA Region 6  Total Augments and provided A

ICS 204 - Assignment List	Group: Air Monitoring Group
Incident Name: South 4 Group Fire	Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

All Air Monitoring activities are to be conducted in accordance with the Air Monitoring Plan. For all areas as directed for both day and night shift as safe to do so. Continuous and roving detecting air gas monitoring to be conducted by trained gas testing personnel using multi-gas monitors.

Ambient air sampling will continue in the 4-mile radius and the surrounding area as it has since the incident began. Technicians will shift to any areas where sampling results indicate elevated results.

EPA (START/Weston) - Two 2-person teams (DAY) and One 2-person team (NIGHT) roving team conducting air monitoring downwind in the communities.

ASPECT Aircraft will fly for air monitoring.

TCEQ (NRC) - 4 day personnel and 4 night personnel roving team conducting air monitoring downwind in the communities.

TPC (CTEH) - Utilize roaming air monitors within the area, as well as the surrounding community.

Utilize stationary air monitoring collecting analytical samples that are being sent for asbestos, PNAH, and hydrocarbons.

Air monitoring is occurring in multiple areas where spill mitigation and remediation activities are occurring, including staging areas and vessels.

Conduct real-time air monitoring with off-site and on-site air monitoring stations in order to monitor the community and personnel with MultiRAEs and AreaRAEs. AreaRAE units are deployed at fixed locations and readings will be monitored in a centralized location by the Air Monitoring Group to allow for rapid recognition, communication and response to changing conditions.

Ensure future deployment locations are established based on plume projections.

Report to Safety and Operations on established schedule except for action level exceedances which should be reported immediately.

If sustained detection of readings are observed, personnel will be instructed to deploy to site to confirm the detection with a secondary hand held real time instrument. Monitor changing environmental conditions and notify operations supervisors of any unsafe conditions. Data managers onsite will provide data summaries and support.

Using AreaRAE's are deployed on the fenceline and within the facility. A new procedure that will require additional personnel to add 4 AreaRAE and 4 Dragers; incident command trailer.

### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

# **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

	Communications
Name / Function	Contact Details
Safety / Safety	Safety 1
Multi Agency Radio	Multi Agency Radio 4
	Special Environmental Considerations

Follow the approved Air Sampling to ensure the goals are met and information disseminated.

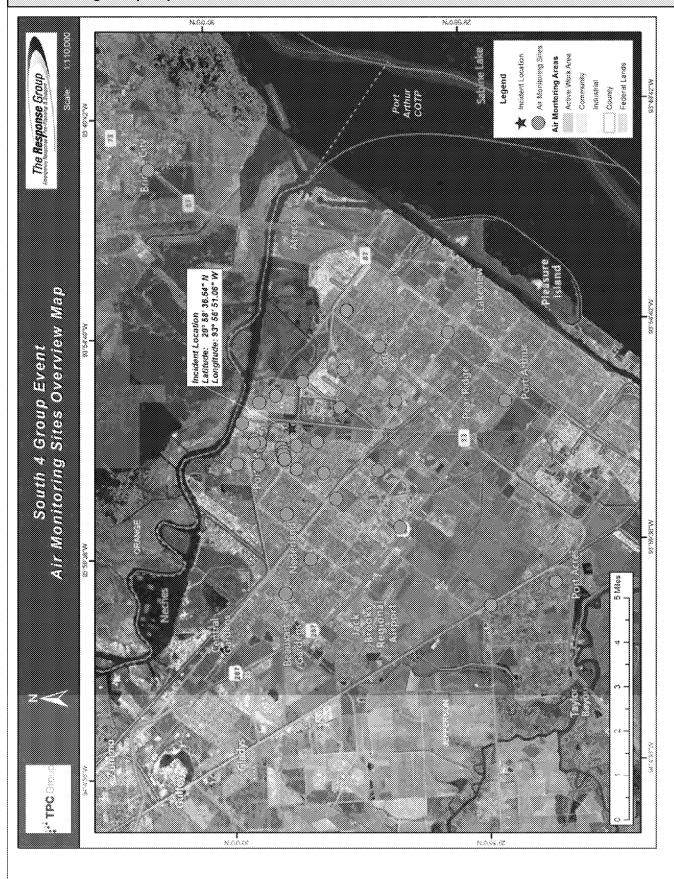
ICS 204 - Assignment List			- Indated 12/06/2019 13/23 FHC -6/101
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	12 of 64	© TRG

ICS 204 - Assignment List		Group: Air Monitoring Group
Incident Name: South 4 Group Fire	Period: Period 9 [12/07	7/2019 06:00 - 12/08/2019 06:00]
Special Site-Specific Safe	ty Considerations	
Wear SCBA while in the Exclusion Zone. Stay out of smoke plume.		
Immediately leave area with elevated readings above the air monitori	ng action limit.	
Be aware of surroundings and vehicle traffic.		
Be aware of wildlife while working around/near water and high grassy	areas.	
Personal flotation device required if within 3' of bodies of water (canal	ls, deep ditches, etc.).	
Immediately report safety incidents and concerns to your supervisor.		
Stay hydrated.		
		Updated 12/06/2019 13:23 UTC -6:00
ICS 204 - Assignment List		

Incident Name: South 4 Group Fire

Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

# Air Monitoring Group Map



ICS 204 - Assignment List Group: Asbestos & Debris F	

Incident Name: South 4 Group Fire Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group		
Operations Section Chief	Lynn, Gordon	TPC Group	Ex. 6 Personal Privacy (PP)	
Support Services Branch Director	Sanders, Jason	TPC Group		Day Shift
Asbestos & Debris Recovery Group	Henault, Andrew	СТЕН	(b) (6)	Day Shift

#### Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Asbestos & Debris Recovery Group	Safety Personnel	Asbestos and Debris Remove Tech	23 each	
Asbestos & Debris Recovery Group	Safety Personnel	Toxicologist	3 each	
Asbestos & Debris Recovery Group	Safety Personnel	Documentation/Property Specialist Assessment	6 each	
Asbestos & Debris Recovery Group	Manpower: Responder	Asbestos Inspectors (CTEH)	2 each	
Asbestos & Debris Recovery Group	Manpower: Supervisor	Asbestos Supervisors(CTEH)	2 each	
Asbestos & Debris Recovery Group	Manpower: Responder	Sampling Team Personnel	7 each	
Asbestos & Debris Recovery Group	Manpower: Supervisor	Asbestos Supervisors(CH)	3 each	

### Assignments

Community assessment for the presence of any ACM or incident debris and the sampling, collection and removal.

2 Teams consisting of 1 Toxicologist, 1 health scientist and 1 certified asbestos consultant.

These teams will evaluate homes for the presence or absence of insulation and/or potentially asbestos containing materials (PACM)

in accordance with the UC approved sampling and analysis plan and in response to residential requests to the call center and/or online database.

Conduct Personnel sampling from debris and asbestos clean up crews.

Priorities will be established based on health concerns communicated by the residents.

Should the PACM or other potential terminal debris be found, the asbestos contractor will be notified and material will be collected in accordance with the contractor's plan.

#### Standby Resources:

2 teams of 4 consisting of abatement sampling and recovery specialist to be deployed when mobilized by the assessment teams.

Conduct rapid photo documentation of all buildings with 1 mile radius.

# Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

#### **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Printed 12/06/2019 17:29 UTC -6:00

	Communications
Name / Function	Contact Details
Safety / Safety	Safety 1
ICS 204 - Assignment List	Updated 12/06/2019 15:41 UTC -6:00

15 of 64

© TRG

INCIDENT ACTION PLAN SOFTWARE™

ICS 204 - Assignment List	Group: Asbestos & Debris Recovery Group
Incident Name: South 4 Group Fire	Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00
Special Environmen	ntal Considerations
Should the PACM or other potential terminal debris be found, the collected in accordance with the contractor's plan.	asbestos contractor will be notified and material will be
Special Site-Specific S	
Be aware of wildlife while working around/near water and high gra	assy areas.
Steep embankments may exist around waterways. Wear flotation	device within 3' of water.
Monitor air quality. Immediately leave area with readings elevated	above the action limit.
Report safety incidents and concerns to your immediate supervise	or.
Stay hydrated.	
ICS 204 - Assignment List	Updated 12/06/2019 15:41 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE™ Printed 12/06/2019 17:29 UTC -6:00	16 of 64 © TRG

	oup Fire			Period: Peri	od 9 [12/07	7/2019 06:00	- 12/08/20	019 06:0
			Operations	Personnel				
Position	Name		Affiliation		Contac	t Number(s)	Work S	hift
Operations Section Chief	Carlton, Doug		TPC Group		and Drivery (DD)		***************************************	
Operations Section Chief	Lynn, Gordon	***************************************	TPC Group		Ex. 6 Pers	onal Privacy (PP)		
Director	Blanchard, Co	ory	Clean Harbo Service Inc.	ors Environmental (CHES)	337-32	1-2948		
Decontamination Group	CTEH-Mcmul	lian, Tami	CTEH		(b) (6)			
			Resources	s Required				
Area Of Operation	Reso	ource Kin	d	Description		G	Quantity	Size
			Assign	nments				1
Decontamination of equipn	nent will be cor	nducted ne			lan			
			approve					
ocation and set up for the	Decontaminat	ion Area is	awaiting app	oroval.				
		Cnasi-	l Environme	ntal Considerations				
mnlament the engraved D	acontamination	•	CHVITOIIIIIEI	mai Considerations				
mplement the approved D								
			-	Safety Consideration	15			
insure contaminated pool	water doesn't	enter the b	ouy or water.					
			liate supervis	XVI.				
				NOT.				

ICS 204 - Assignment List	Division: Division A
Incident Name: South 4 Group Fire	Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

		Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift		
Operations Section Chief	Carlton, Doug	TPC Group	Eu C Barrard Britany (BB)		Ex. 6 Personal Privacy (PP)	
Operations Section Chief	Lynn, Gordon	TPC Group	Ex. 6 Personal Privacy (PP)			
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948			
Division A Supervisor	Garcia, Thomas					

Resources Required					
Area Of Operation	Resource Kind	Description	Quantity	Size	
Division A	Boom	Boom	600 feet	in	
Division A	Vacuum Truck	Vacuum Truck	4 each	barrel (s)	
Division A	Jon Boat	Jon Boat	4 each	feet	
Division A	UTV	UTV	1 each		
Division A	Pumps	6" Transfer Pump	2 each		
Division A	Sorbent: Boom	Sorbent: Boom	1300 feet	inch (es)	
Division A	Skimmer	Drum Skimmer	2 each	barrel (s)/day	
Division A	Wash Pump	2" Wash Pump	1	cubic feet/min ute	
Division A	Spill Tech	Spill Tech	20 each		
Division A	Light Plants	Light Plants	3 each		
Division A	Viscous Sweep	Viscous Sweep	50 each		

Division A: From Outfall 001 to Orchard Avenue.

Contain spilled material and recover with vacuum truck. Remove debris with dip nets and saturated sorbent boom and place in pollution bags for disposal at the following sites:

- Pine St.
- Orchard Ave.

Continue flushing shoreline utilizing high volume of water and low pressure.

Low hanging vegetation that is creating an accumulation of oil and oily debris will be cut and removed to facilitate recovery. Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

Perform continuous air monitoring and communicate changes in environmental conditions with Group Supervisor.

Be aware of weather constraints and adjust accordingly based on conditions and operational parameters of skimming equipment. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in condition to Group Supervisor.

Offload recovered product to storage assets as needed. Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

Upon completion of assigned task, follow Decontamination Plan to implement decontamination procedures.

Report all wildlife impacts to supervisor immediately.

ICS 204 - Assignment List		Prepared By IAP Support, I	Jpdated 12/06/2019 11:22 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	18 of 64	© TRG

Use proper PPE and maintain co	ire	
·		Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00
		nstructions
	mmunications at all times.	
Report any oiled or distressed w	ildlife to 409-239-4725.	
DEMOBILIZATION:		
For personnel LEAVING the inci		ease call 713-748-9108 upon safe return home.
Name / Function	Commu Contact Details	nications
Safety / Safety	Safety 1	
outory / outory		n of Work
Outfall 201 to Orchard Rd.		
1 2 1 1 1 1 1 1	Special Equipment / Supp	lies Needed for Assignment
Dip nets for debris removal		
	Special Environme	ental Considerations
of breach establish response col	llection of water in frac tanks or	to JWWTP utilizing diesel pumps; contain runoff onsite, if threat other containment, boom outfalls to capture floating hydrocarbonni-volatiles, TOC, test for fire retardant constituents, PFAS, pH.
	Special Site-Specific	Safety Considerations
Monitor air quality. Immediately l Immediately report safety incider Stay hydrated.	· ·	

Incident Name: South 4 Group Fire

Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

Division: Division A

# Division A Map



INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	20 of 64	© TRG
ICS 204 - Assignment List		Prepared By IAP Support, I	Jpdated 12/06/2019 11:22 UTC -6:00 PP

		Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift			
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)				
Operations Section Chief	Lynn, Gordon	TPC Group	Ex. o reisonal rilvacy (FF)				
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948				
Division B Supervisor	Williams, Jordan						

Division D Capervisor	villiams, oordan							
Resources Required								
Area Of Operation	Resource Kind	Description	Quantity	Size				
Division B	Boom	Boom	1200 feet	in				
Division B	Jon Boat	Jon Boat	2 each	feet				
Division B	Response Boat	Response Boat	2 each	feet				
Division B	UTV	UTV	1 each					
Division B	Construction Materials/Supply	Equipment mats	35 each					
Division B	Fork Lift	Fork Lift	1 each					
Division B	Sorbent: Boom	Sorbent: Boom	1400 feet	inch (es)				
Division B	Wash Pump	2" Wash Pump	4 each	cubic feet/min ute				
Division B	Spill Tech	Spill Tech	19 each					
Division B	Light Plants	Light Plants	1 each					
Division B	Viscous Sweep	Viscous Sweep	150 each					

Division B: From Orchard Avenue to the weir dam in the canal

Maintain sorbent boom on the east side of Orchard Ave. and change out as needed and place in pollution bags for disposal.

Maintain containment boom lined with sorbent boom in canal north of pump station recover spilled material/sheen with dip nets and place in pollution bags for disposal.

Continue flushing shoreline utilizing high volume of water and low pressure.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Low hanging vegetation that is creating an accumulation of oil and oily debris will be cut and removed to facilitate recovery. Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediately reported documented, location noted and possibly collected as evidence.

INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	21 of 64	© TRG
ICS 204 - Assignment List			

		Division: Division E
Incident Name: South 4 Group Fir	e	Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00
	Specia	al Instructions
Use proper PPE and maintain con	nmunications at all times.	
Report any oiled or distressed wild	llife to 409-239-4725.	
DEMOBILIZATION: For personnel LEAVING the incide	ent and NOT coming back,	please call 713-748-9108 upon safe return home.
	Com	munications
Name / Function	Contact Details	5
Safety / Safety	Safety 1	
	Loca	tion of Work
Orchard Rd to Weir Dam		
0 H (0 : : : : : : : : : : : : : : : : : :		mental Considerations
of breach establish response colle	ction of water in frac tanks	np to JWWTP utilizing diesel pumps; contain runoff onsite, if threat or other containment, boom outfalls to capture floating hydrocarbon semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.
	Special Site-Speci	fic Safety Considerations
Wear Level D PPE.		
Be aware of wildlife while working	around/near water and hig	h grassy areas.
Steep embankments may exist are	ound waterways.	
•	-	an ditahas, ata )
Wear flotation device within 3' of b	odies of water (canals, dee	
Wear flotation device within 3' of b	odies of water (canals, dee	
Wear flotation device within 3' of b	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Steep embankments may exist are Wear flotation device within 3' of be Monitor air quality. Immediately less Immediately report safety incident Stay hydrated.	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of b Monitor air quality. Immediately lea Immediately report safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of b Monitor air quality. Immediately lea Immediately report safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of be Monitor air quality. Immediately lea Immediately report safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of b Monitor air quality. Immediately lea Immediately report safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of be Monitor air quality. Immediately lea Immediately report safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of be Monitor air quality. Immediately lea Immediately report safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of boundary flotation device within 3' of boundary flowers. Immediately leading the safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of boundary flotation device within 3' of boundary flowers. Immediately leading the safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of bounded and some series of the world and some series within 3' of bounded and some series of the world and some series of the	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of boundary flotation device within 3' of boundary flowers. Immediately leading the safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of be Monitor air quality. Immediately lea Immediately report safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of boundary flotation device within 3' of boundary flowers. Immediately leading the safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of b Monitor air quality. Immediately lea Immediately report safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of b Monitor air quality. Immediately lea Immediately report safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of b Monitor air quality. Immediately lea Immediately report safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.
Wear flotation device within 3' of be Monitor air quality. Immediately lea Immediately report safety incident	oodies of water (canals, dee ave area with readings elev	vated above the action limit.

INCIDENT ACTION PLAN SOFTWARE™

Printed 12/06/2019 17:29 UTC -6:00

22 of 64

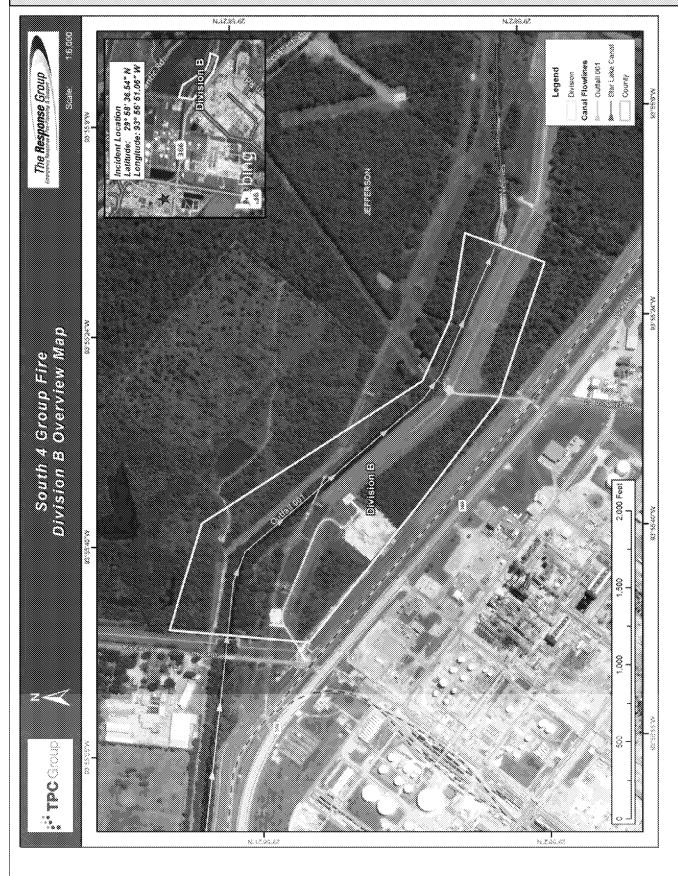
© TRG

Incident Name: South 4 Group Fire

Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

Division: Division B

# Division B Map



		I )IV/ICIOD: I )IV/ICIOD ( '
ICS 204 - Assignment List		Division: Division C.

ncident Name: South 4 Group Fire	Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]
----------------------------------	--

		Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	er(s) Work Shift			
Operations Section Chief	Carlton, Doug	TPC Group					
Operations Section Chief	Lynn, Gordon	TPC Group	Ex. 6 Personal Privacy (PP)				
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948				
Division C Supervisor	Blanchard, Leland	Clean Harbors Environmental Service Inc. (CHES)	(b) (6)				

### Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size	
Division C	Boom	Boom	1600 feet	in	
Division C	Sorbent: Boom	Sorbent: Boom	2400 feet	inch (es)	
Division C	Wash Pump	2" Wash Pump	2 each	cubic feet/min ute	
Division C	Viscous Sweep	Viscous Sweep	50 each		

### **Assignments**

Division C: From the weir dam in the canal to Atlantic Rd.

Maintain boom and change out saturated sorbent boom at the wier dam

Maintain diversion boom lined with sorbent boom inlet to the LNVA pump station and along the shoreline to minimize impact to marsh areas.

Maintain boom across the canal west and east of the LNVA pump station inlet and recover spilled material/sheen with dip nets and place in pollution bags for disposal.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediately reported documented, location noted and possibly collected as evidence.

Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

#### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

# **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

#### Location of Work

Weir Dam to Atlantic Rd.

### Special Environmental Considerations

Collect firewater runoff utilizing the minimizing hierarchy: Pump to JWWTP utilizing diesel pumps; contain runoff onsite, if threat of breach establish response collection of water in frac tanks or other containment, boom outfalls to capture floating hydrocarbon, establish testing plan for sampling water to include volatiles, semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.

ICS 204 - Assignment List		Prepared By Cassity Land, I	Jpdated 12/04/2019 08:26 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	24 of 64	© TRG

ICS 204 - Assignment Lis	it		Division: Division C
Incident Name: South 4 Group F	Fire	Period: Period 9 [12/07	7/2019 06:00 - 12/08/2019 06:00]
	Special Site-Specific	Safety Considerations	
Be aware of wildlife while workir	ng around/near water and high g	rassy areas.	
Steep embankments may exist a	around waterways.		
Wear flotation device within 3' of	f water.		
Monitor air quality. Immediately	leave area with readings elevate	ed above the action limit.	
Immediately report safety incide	nts and concerns to your superv	risor.	
Stay hydrated.			
ICS 204 - Assignment List		Prepared By Cassity Land,	Updated 12/04/2019 08:26 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	25 of 64	© TRG

Incident Name: South 4 Group Fire

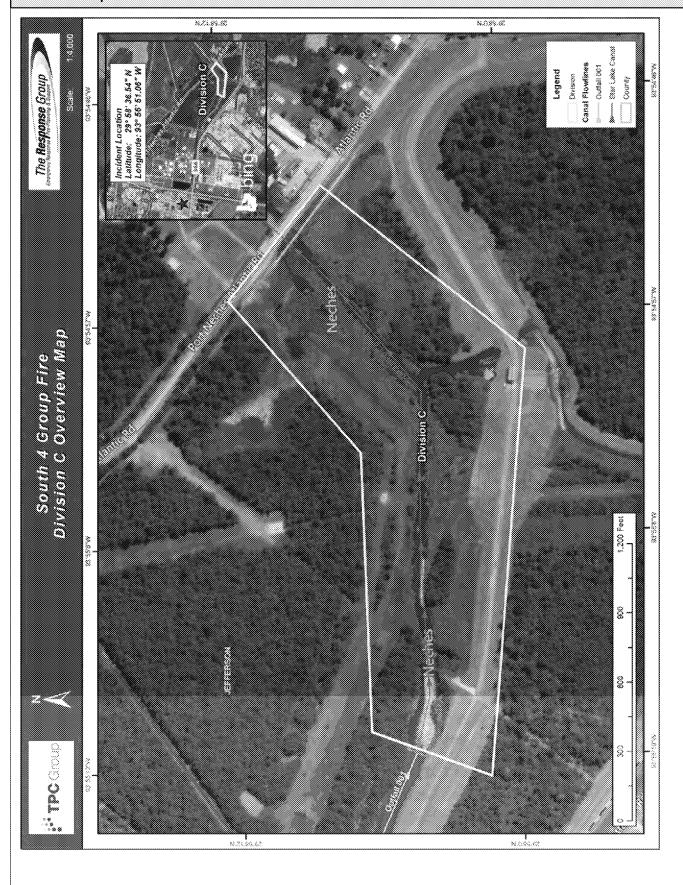
Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

Prepared By Cassity Land, Updated 12/04/2019 08:26 UTC -6:00 PP

© TRG

Division: Division C

# Division C Map



ICS 204 - Assignment List

Incident	t Name: South 4 Grou	ın Fire		Period	I. Perind 9	[12/07/	2019 06:00	12/08/2	019 06:001
ICS 20	04 - Assianment	List						Division:	Division D

		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	Ex. 6 Personal Privacy (PP)	
Operations Section Chief	Lynn, Gordon	TPC Group	Ex. 6 Personal Privacy (PP)	
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Division D Supervisor	Bowers, Daniel	Resolute Environmental	(b) (6)	

### Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division D	Boom	Boom	1900 feet	in
Division D	Jon Boat	Jon Boat	1 each	feet
Division D	Response Boat	Response Boat	1 each	feet
Division D	Construction Materials/Supply	Equipment mats	35 each	
Division D	Sorbent: Boom	Sorbent: Boom	2000 feet	inch (es)
Division D	Spill Tech	Spill Tech	7 each	

# Assignments

Division D: From Atlantic Rd. to the confluence at the Neches River including the outfall west of the power line ROW.

Maintain containment boom lined with sorbent boom at the Atlantic Rd. bridge and OPERA boat ramp from south of the Associated Marine Services Inc. dock.

Maintain boom across the mouth of the canal at the Neches River and open and close to accommodate vessel traffic in and out of Star Lake Canal.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediately reported documented, location noted and possibly collected as evidence.

Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

# Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

#### DEMOBILIZATION:

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

# Location of Work

Atlantic Rd to Neches River

# Special Environmental Considerations

Collect firewater runoff utilizing the minimizing hierarchy: Pump to JWWTP utilizing diesel pumps; contain runoff onsite, if threat of breach establish response collection of water in frac tanks or other containment, boom outfalls to capture floating hydrocarbon, establish testing plan for sampling water to include volatiles, semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.

INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	27 of 64	© TRG
ICS 204 - Assignment List		Prepared By Cassity Land, t	Jpdated 12/04/2019 08:27 UTC -6:00 PP

ICS 204 - Assignment List			Division: Division D
Incident Name: South 4 Group Fire		Period: Period 9 [12/07	//2019 06:00 - 12/08/2019 06:00]
	Special Site-Specific	Safety Considerations	
Be aware of wildlife while working a	ound/near water and high g	rassy areas.	
Steep embankments may exist arou	nd waterways. Wear flotation	n device within 3' of water.	
Monitor air quality. Immediately leav	e area with readings elevate	d above the action limit.	
Report safety incidents and concern	s to your immediate supervis	sor.	
Stay hydrated.			
ICS 204 - Assignment List		Prepared By Cassity Land,	Updated 12/04/2019 08:27 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™ P	rinted 12/06/2019 17:29 UTC -6:00	28 of 64	© TRG

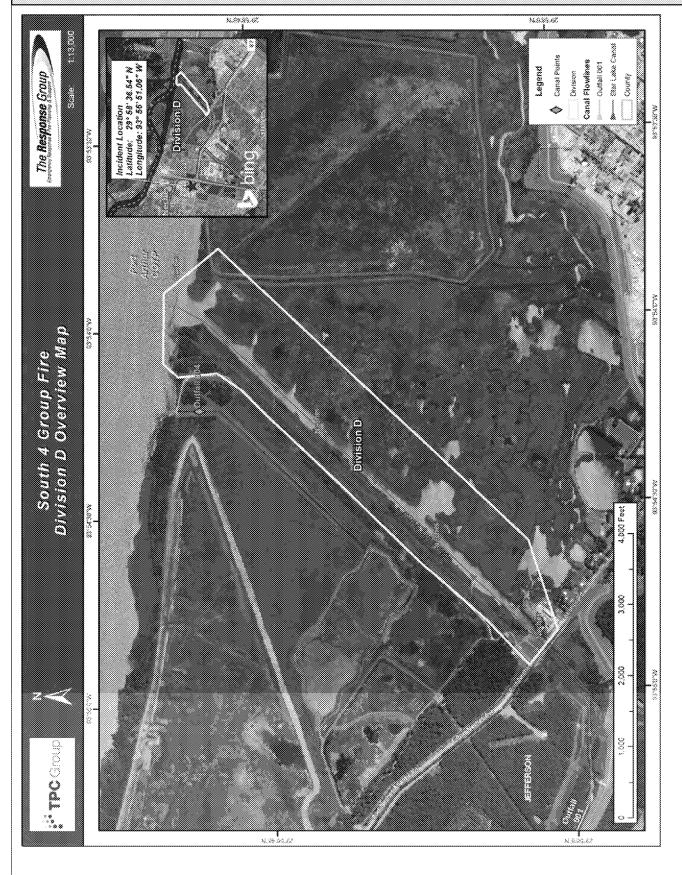
Incident Name: South 4 Group Fire

Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

Prepared By Cassity Land, Updated 12/04/2019 08:27 UTC -6:00 PP

Division: Division D

# Division D Map



INCIDENT ACTION PLAN SOFTWARE™ Printed 12/06/2019 17:29 UTC -6:00 29 of 64 © TRG

ICS 204 - Assignment List

Incident Name: South 4 Gr	roup Fire			Period: Peri	od 9 [12/07/2019 06:00	- 12/08/20	019 06:00
			Operations	Personnel			
Position	Name		Affiliation		Contact Number(s)	Work S	hift
Operations Section Chief	Carlton, E	Doug	TPC Group				
Operations Section Chief	Lynn, Goi	rdon	TPC Group		Ex. 6 Personal Privacy (PP)		
Director	Blanchard	d, Cory	Clean Harbor Service Inc. (0	s Environmental CHES)	337-321-2948		
Division E Supervisor	Williams,	Jordan					
			Resources	Required			
Area Of Operation	l l	Resource Kii	nd	Description		Quantity	Size
Division E	E	Boom		Boom	(	300 feet	in
Division E	l	UTV		UTV	•	l each	
Division E	(	Sorbent: Boor	n	Sorbent: Boor	n	150 feet	inch (es)
Division E	\	Wash Pump		2" Wash Pum	р 2	2 each	cubic feet/mi ute
Division E		Spill Tech		Spill Tech		5 each	
Maintain sorbent boom across Maintain hard boom across Any ineffective strategies of Be aware of weather const area. Communicate chang Dead or impacted wildlife s Follow Waste Managemen	s the canal or boom fai traints and les in condi should be in	at outfall to the lift of the	he Neches Rivenmediately repolitingly. If weather anch Director.	er.  orted to the Recover  r deteriorates to an  ented, location noted	ry & Protection Branch unsafe condition proced	Director. ed to neare	
Use proper PPE and main	tain commi	unications at a	Special Ins	tructions			
Report any oiled or distres:							
	coa manio						
DEMOBILIZATION: For personnel LEAVING th	ne incident	and NOT con			3 upon safe return hom	Đ.	
Huntsman Outfall Canal to	Atlantic Av	ve	Location	of Work			
		Specia	al Environmen	tal Considerations			
***************************************					esel pumps; contain run		

Prepared By Cassity Land, Updated 12/04/2019 08:28 UTC -6:00 PP

© TRG

30 of 64

INCIDENT ACTION PLAN SOFTWARE  $^{\text{\tiny TM}}$ 

Printed 12/06/2019 17:29 UTC -6:00

ICS 204 - Assignment List

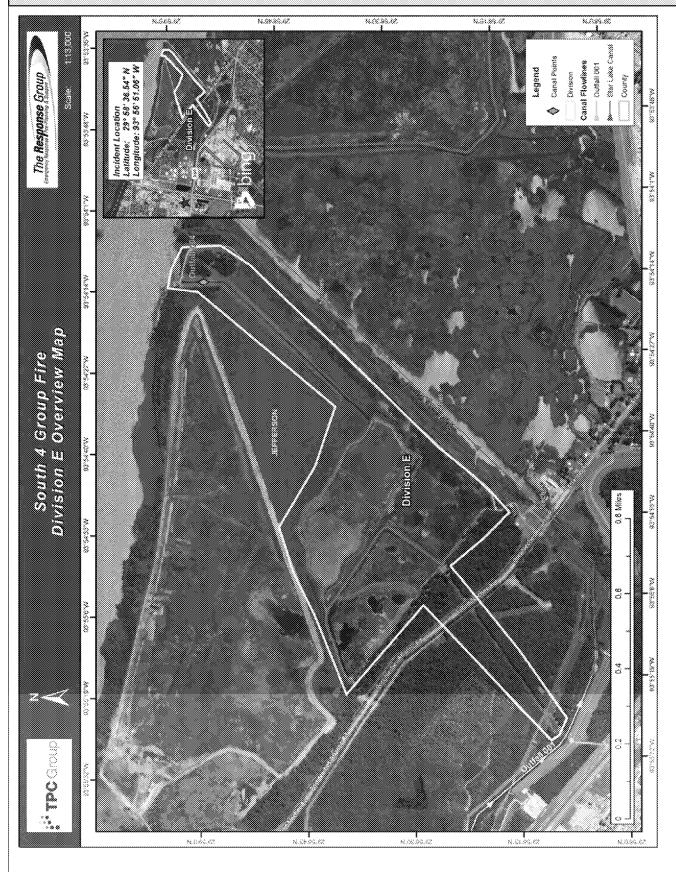
ICS 204 - Assignment List			Division: Division E
Incident Name: South 4 Group Fi		Period: Period 9 [12/07	[/2019 06:00 - 12/08/2019 06:00]
		Safety Considerations	-
Be aware of wildlife while working	g around/near water and high gr	rassy areas.	
Steep embankments may exist a	round waterways. Wear flotation	n device within 3' of water.	
Monitor air quality. Immediately le	eave area with readings elevate	d above the action limit.	
Report safety incidents and conc	erns to your immediate supervis	sor.	
Stay hydrated.			
ICS 204 - Assignment List		Prepared By Cassity Land, I	Updated 12/04/2019 08:28 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE <sup>TO</sup>	Printed 12/06/2019 17:29 UTC -6:00	31 of 64	© TRG

Incident Name: South 4 Group Fire

Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

Division: Division E

# Division E Map



		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group		
Operations Section Chief	Lynn, Gordon	TPC Group		
Support Services Branch Director	Sanders, Jason		Ex. 6 Personal Privacy (PP	Day Shift
Support Services Branch Director	Jaschek, Rebecca	TPC Group		light Shift
Support Services Branch Director	Wnek, Shawn	СТЕН	(b) (6)	Day Shift
Environmental Specialist	Broomes, Ebunoluwa	TPC Group	Ex. 6 Personal Privacy (PP)	
Environmental Specialist	Miller, Mike	TPC Group		
Env Sampling Group	Allaby, Eric	СТЕН	(b) (6)	Day Shift
Env Sampling Group	Gueringer, Jeremy	CTEH	(b) (6)	Night Shift
Env Sampling Group	Tighe, Daniel	EPA Region 6	713-397-1550	

		į	۲	ţ	i	E	į	S	ı	C	ì	ij	l	į	į	ľ	į	Ĺ	ì	١	į	ľ	٤	ì		ì	ŀ	۲	ì	ŧ	3	ŧ	J	ľ	Ě	į	ľ	į	Ì		ŧ	3	ij	C	١
8	8	8	8	8	8	8	8		×	8	8	X	ı	8	Š	8	Š	8	8	ĕ	8	×	8	8	8	×	8	8	B	ŝ	8	8	ı	ı	8	8	×	ì	8	8	8	ı	Š	8	

Area Of Operation	Resource Kind	Description	Quantity	Size
Environmental Sampling Group	Manpower: Responder	CTEH Sampling Specialist	6 each	
Environmental Sampling Group	Manpower: Responder	EPA Sampling Specialist	4 each	
Environmental Sampling Group	Manpower: Responder	TCEQ Sampling Specialist	3 each	
Environmental Sampling Group	Manpower: Responder	Environmental Lab Coordinator	1 each	
Environmental Sampling Group	Supervisor	Environmental Supervisor	1 each	

### TPC (CTEH)

Three 2-person teams will be deployed to collect surface water samples at 6 designated locations daily in accordance with the UC-approved Environmental Sampling and Analysis Plan (ESAP). One 2-person strike team will be available to collect additional samples as directed outside of the previously established sample locations, following the sample collection and handling protocols established in the ESAP. CTEH collected samples will be collected and submitted to Earth Analytical Services (EAS) Lab and Pace Lab. Sample COCs will be documented as a SIERA. Personnel will transport and deliver samples to EAS and will return samples to the EOC where PACE lab will currier them to their Houston laboratory.

#### FOSC

Two 1-person teams water sampling teams will sample 4 established locations in accordance with their SAP. Additional analysis will be performed for PFAS.

#### SOSC

TCEQ water sampling teams will continue sampling, as needed.

#### Fire water management:

Continue sending as much water as possible via pipe to Huntsman JWWTP. If needed pumping at Huntsman Star Lake lift station can be utilized to maintain flow.

#### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

### **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

ICS 204 - Assignment List		/2019 17:29 UTC -6:00	33 of 64		@ TDO
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/				

ICS 204 - Assignment Lis	t	Group	Environmental Sampling Group
Incident Name: South 4 Group F			7/2019 06:00 - 12/08/2019 06:00
		ies Needed for Assignment	
Sampling Kits			
P*-11.	Special Environme	ntal Considerations	
Follow approved sampling plan.	Special Site-Specific	Safety Considerations	
Wear Level D PPE.			
Be aware of wildlife while workin	g around/near water and high gr	rassy areas.	
Steep embankments may exist a	iround waterways.		
Wear flotation device within 3' of		itches. etc.).	
Monitor air quality. Immediately I		·	
Immediately report safety incider			
Stay hydrated.	no and concerns to your supervi	301.	
ICS 204 - Assignment List  INCIDENT ACTION PLAN SOFTWARE <sup>TM</sup>	Printed 12/06/2019 17:29 UTC -6:00	34 of 64	Updated 12/06/2019 15:58 UTC -6:00 © TRG
INCLIDER I ACTION PLAN SUFTWAKE.	FIRMER 12/00/2019 17:29 010 -0:00	34 01 04	l wind

Incident Name: South 4 Group Fire

Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

# 20191206 Water Sampling Overview Map



Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Operations Section Chief	Carlton, Doug	TPC Group			
Operations Section Chief	Lynn, Gordon	TPC Group			
Director			Ex. 6 Personal Privacy (PP)		
Fire Suppression Group Supervisor	Holley, Chad	TPC Group			
Fire Suppression Group Supervisor	Williams, James	TPC Group			

Oupor Visor							
Resources Required							
Area Of Operation	Resource Kind	Description	Quantity	Size			
Fire Suppression Group	Fire Monitor	Fire Monitor	18 each				
Fire Suppression Group	Fire Fighters	Fire Fighters	18 each				
Fire Suppression Group	Fire Pumps	Fire Pumps	9 each	cubic feet/min ute			
Fire Suppression Group	Vehicle: Fire Engine	Ladder Truck (Tower)	1 each				
Fire Suppression Group	Decon Trailer	Decon Trailer	1 each	feet			
Fire Suppression Group	Trailer	Person Rehab Trailer	1 each	feet			
Fire Suppression Group	Fire Fighting Foam	Vapor Suppression Foam	325 gallon (s)	each			
Fire Suppression Group	Equipment: Safety	Temperature Sensor	10 each				

Conduct response activities per the Facility Response Plan.

Consider wind speed, direction and heading to manage smoke.

Maintain the established primary and secondary boundaries and rally point at the site.

Evaluate use of foam as a proactive tactic for vapor and/or fire suppression.

Utilize manned/unmanned fire monitors and other resources to apply water to extinguish fire and possible use of foam for vapor suppression.

Continue applying water to the site and adjacent areas to ensure cooling and prevent re-ignition.

Coordinate decontamination needs of the affected area, personnel and equipment.

Continue to utilize available portable fire pumps and fire apparatus to assist firefighting efforts.

#### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

# **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	36 of 64	© TRG
ICS 204 - Assignment List			Updated 12/05/2019 17:53 UTC -6:00

ICS 204 - Assignment Lis	t		Group: Fire Suppression Grou
Incident Name: South 4 Group F	ire	Period: Period 9 [12/07	7/2019 06:00 - 12/08/2019 06:00
	Commu	unications	
Name / Function	Contact Details		
Safety / Safety	Safety 1		
Multi Agency Radio /	Multi Agency Radi		
		ental Considerations	
Third party to assist with air mon		Plan. Provide data to the agencie:	s. See Air Monitoring
Provide notification to agencies p		Cafak Osasida satisas	
Moor full hunker goer with CODA		Safety Considerations	Naintain cafe distance from from
		ume. Maintain visual on the fire. N	namiam saie distance from illes.
Maintain awareness to surround	ng structures and line of fire fo	r falling debris.	
Monitor air quality while within th	e Exclusion Zone.		
Immediately report safety incider	nts and concerns to the Inciden	it Commander.	
Stay hydrated.			
ICS 204 - Assignment List			Updated 12/05/2019 17:53 UTC -6:0
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	37 of 64	© TR

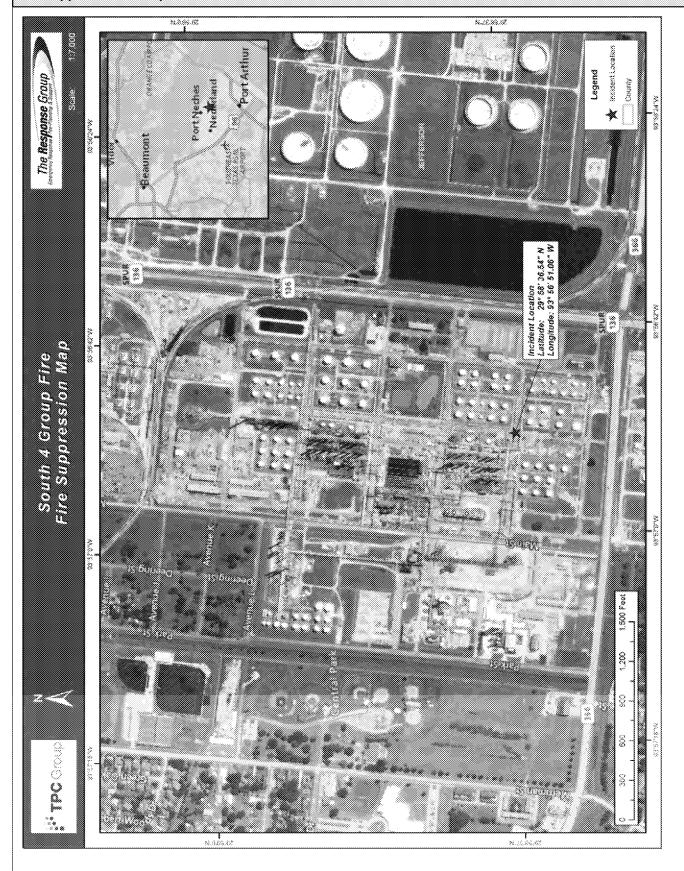
# ICS 204 - Assignment List

Group: Fire Suppression Group

Incident Name: South 4 Group Fire

Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

# Fire Suppression Group



ICS 204 - Assignmen	ıt List				Group: SC	AT Grou
Incident Name: South 4 G	roup Fire		Period: P	Period 9 [12/07/2019 06:0	0 - 12/08/20	019 06:0
		Operations	Personnel			
Position	Name	Affiliation		Contact Number(	s) Work S	hift
Operations Section Chief	Carlton, Doug	TPC Group	***************************************			
Operations Section Chief	Lynn, Gordon	TPC Group	######################################			
Support Services Branch Director	Sanders, Jason	TPC Group		Ex. 6 Personal Privacy (P	P)	
Support Services Branch Director	Jaschek, Rebecc	a TPC Group				
Support Services Branch Director	Wnek, Shawn	CTEH		(b) (6)		
SCAT Coordinator	Simmons, Robert	CTEH		(b) (6)		
		Resources	Required			
Area Of Operation	Resoure	e Kind	Description	n	Quantity	Size
SCAT Group	Manpow	er: Responder	SCAT Tear	n Member	4 each	
SCAT Group	Vessel		SCAT Boat		1 each	feet
		Assigni	monte			
appropriate will assess and putfall 201 to the Neches F SCAT Team will act as SC Specific mission assignmenturn.	d monitor affected River. AT-OPS liasion re nt for the subsequ	and non-affected sho active to Shoreline T ent day will be detern	reline, and clean reatment Methods nined by the SCA	s and Endpoint Assessm	ent.	,
1 Shoreline Cleanup Asses appropriate will assess and outfall 201 to the Neches F SCAT Team will act as SC Specific mission assignme return.  Each SCAT member must	d monitor affected River. AT-OPS liasion re nt for the subsequ	and non-affected sho active to Shoreline T ent day will be detern ety prior to beginning	reatment Methods nined by the SCA the work day.	up activity by foot and be	ent.	,
appropriate will assess and outfall 201 to the Neches F SCAT Team will act as SC Specific mission assignme return.  Each SCAT member must	d monitor affected River.  AT-OPS liasion re nt for the subsequate attend tailgate saf	and non-affected sho active to Shoreline To ent day will be deterr ety prior to beginning Special Ins	reatment Methods nined by the SCA the work day.	up activity by foot and be	ent.	,
appropriate will assess and outfall 201 to the Neches F SCAT Team will act as SC Specific mission assignme return.  Each SCAT member must	d monitor affected River.  AT-OPS liasion re nt for the subsequate attend tailgate saf	and non-affected sho active to Shoreline To ent day will be deterr ety prior to beginning Special Ins	reatment Methods nined by the SCA the work day.	up activity by foot and be	ent.	,
appropriate will assess and outfall 201 to the Neches F SCAT Team will act as SC Specific mission assignme return.  Each SCAT member must  Use proper PPE and main.  Report any oiled or distres	d monitor affected River.  AT-OPS liasion re nt for the subsequatend tailgate safetain communication	and non-affected sho active to Shoreline To ent day will be deterr ety prior to beginning Special Insus at all times.	reatment Methods nined by the SCA the work day.	up activity by foot and be	ent.	,
appropriate will assess and outfall 201 to the Neches F SCAT Team will act as SC Specific mission assignme return.  Each SCAT member must  Use proper PPE and main  Report any oiled or distres  DEMOBILIZATION:	d monitor affected River.  AT-OPS liasion re nt for the subsequatend tailgate safetain communication sed wildlife to 409-ne incident and NO	and non-affected sho active to Shoreline To ent day will be determ ety prior to beginning Special Ins as at all times. 239-4725. T coming back, pleas	reatment Methods nined by the SCA the work day.  tructions	up activity by foot and be s and Endpoint Assessm T Coordinator each day	ent. after field te	,
appropriate will assess and outfall 201 to the Neches F SCAT Team will act as SC Specific mission assignme return.  Each SCAT member must  Use proper PPE and main Report any oiled or distres  DEMOBILIZATION: For personnel LEAVING the	d monitor affected River.  AT-OPS liasion re nt for the subseque attend tailgate safetain communication sed wildlife to 409-ne incident and NO	and non-affected sho active to Shoreline To ent day will be determ ety prior to beginning Special Insus as at all times. 239-4725. T coming back, pleas special Environmen	reatment Methods nined by the SCA the work day.  tructions  se call 713-748-9	up activity by foot and be and Endpoint Assessm T Coordinator each day  108 upon safe return hor	ent. after field te	ams
appropriate will assess and outfall 201 to the Neches F SCAT Team will act as SC Specific mission assignme return.  Each SCAT member must  Use proper PPE and main Report any oiled or distres  DEMOBILIZATION: For personnel LEAVING the Follow SCAT Plan. Condu	d monitor affected River.  AT-OPS liasion re nt for the subsequent attend tailgate safetain communication sed wildlife to 409-ne incident and NO ct rapid assessment and up.	and non-affected shows active to Shoreline Trent day will be determented by prior to beginning Special Insumate at all times.  239-4725.  T coming back, please pecial Environment to evaluate effective active and the second sec	reatment Methods nined by the SCA the work day.  tructions se call 713-748-9- tal Consideration reness of the clea	up activity by foot and be and Endpoint Assessm T Coordinator each day  108 upon safe return hore  ns  nup efforts and ensure the	ent. after field te	ams
appropriate will assess and outfall 201 to the Neches F SCAT Team will act as SC Specific mission assignme return.  Each SCAT member must  Use proper PPE and main Report any oiled or distres  DEMOBILIZATION: For personnel LEAVING the service of t	d monitor affected River.  AT-OPS liasion re nt for the subsequent attend tailgate safetain communication sed wildlife to 409-ine incident and NO ct rapid assessment and up.	and non-affected shows active to Shoreline Trent day will be determented by prior to beginning   Special Insums at all times.  239-4725.  T coming back, please pecial Environment to evaluate effective acial Site-Specific S	reatment Methods nined by the SCA the work day.  tructions  se call 713-748-9 tal Consideration reness of the clea	up activity by foot and be and Endpoint Assessm T Coordinator each day  108 upon safe return hore  ns  nup efforts and ensure the	ent. after field te	ams
appropriate will assess and outfall 201 to the Neches F SCAT Team will act as SC Specific mission assignme return.  Each SCAT member must  Use proper PPE and main Report any oiled or distres  DEMOBILIZATION: For personnel LEAVING the service of t	d monitor affected River.  AT-OPS liasion re nt for the subsequent attend tailgate safetain communication sed wildlife to 409-ine incident and NO ct rapid assessment and up.	and non-affected shows active to Shoreline Trent day will be determented by prior to beginning   Special Insums at all times.  239-4725.  T coming back, please pecial Environment to evaluate effective acial Site-Specific S	reatment Methods nined by the SCA the work day.  tructions  se call 713-748-9 tal Consideration reness of the clea	up activity by foot and be and Endpoint Assessm T Coordinator each day  108 upon safe return hore  ns  nup efforts and ensure the	ent. after field te	ams
appropriate will assess and outfall 201 to the Neches F SCAT Team will act as SC Specific mission assignme return.  Each SCAT member must  Use proper PPE and main  Report any oiled or distres  DEMOBILIZATION:	d monitor affected River.  AT-OPS liasion re nt for the subsequent attend tailgate safetain communication sed wildlife to 409-the incident and NO ct rapid assessment and up.  Spental Spental Communication and Spental Communication sed wildlife to 409-the incident and NO sector search and search a	and non-affected shows active to Shoreline Trent day will be determented by prior to beginning Special Insums at all times.  239-4725.  T coming back, please pecial Environment to evaluate effective cial Site-Specific Sur water and high grants.	reatment Methods nined by the SCA the work day.  tructions  se call 713-748-9 tal Consideration reness of the clean afety Considerations assy areas.	up activity by foot and be and Endpoint Assessm T Coordinator each day  108 upon safe return hor ns nup efforts and ensure the stions	ent. after field te	ams
appropriate will assess and outfall 201 to the Neches F SCAT Team will act as SC Specific mission assignme return.  Each SCAT member must  Use proper PPE and main Report any oiled or distres  DEMOBILIZATION: For personnel LEAVING the Follow SCAT Plan. Conducting agreed upon criteria for clean services. Be aware of wildlife while was steep embankments may	d monitor affected River.  AT-OPS liasion re nt for the subseque attend tailgate safetain communication sed wildlife to 409-ne incident and NO ct rapid assessment and up.  Spector working around/nesexist around water	and non-affected shows active to Shoreline Trent day will be determented by prior to beginning   Special Insums.  Special Insums.  239-4725.  Tooming back, please pecial Environmented to evaluate effective cial Site-Specific Surways. Wear flotation	reatment Methods nined by the SCA the work day.  tructions  se call 713-748-9 tal Consideration reness of the clean afety Considerations assy areas. device within 3' o	up activity by foot and be and Endpoint Assessm T Coordinator each day  108 upon safe return hor ns nup efforts and ensure the tions f water.	ent. after field te	ams
appropriate will assess and outfall 201 to the Neches F SCAT Team will act as SC Specific mission assignmenturn.  Each SCAT member must  Use proper PPE and main Report any oiled or distres  DEMOBILIZATION: For personnel LEAVING the Follow SCAT Plan. Conducting agreed upon criteria for cleans.	d monitor affected River.  AT-OPS liasion re nt for the subsequent attend tailgate safetain communication sed wildlife to 409-ine incident and NO contract to the contract of the contract and incident and sean up.  Spectrapid assessment and incident and	and non-affected shows active to Shoreline Trent day will be determented by prior to beginning   Special Insumate Special Insumate Special Environmented to evaluate effective ar water and high graways. Wear flotation the readings elevated	reatment Methods nined by the SCA the work day.  tructions  se call 713-748-9 tal Consideration reness of the clea afety Considerations assy areas. device within 3' of above the action	up activity by foot and be and Endpoint Assessm T Coordinator each day  108 upon safe return hor ns nup efforts and ensure the tions f water.	ent. after field te	ams

Updated 12/05/2019 15:24 UTC -6:00

© TRG

39 of 64

INCIDENT ACTION PLAN SOFTWARE  $^{\text{\tiny TM}}$ 

Printed 12/06/2019 17:29 UTC -6:00

ICS 204 - Assignment List

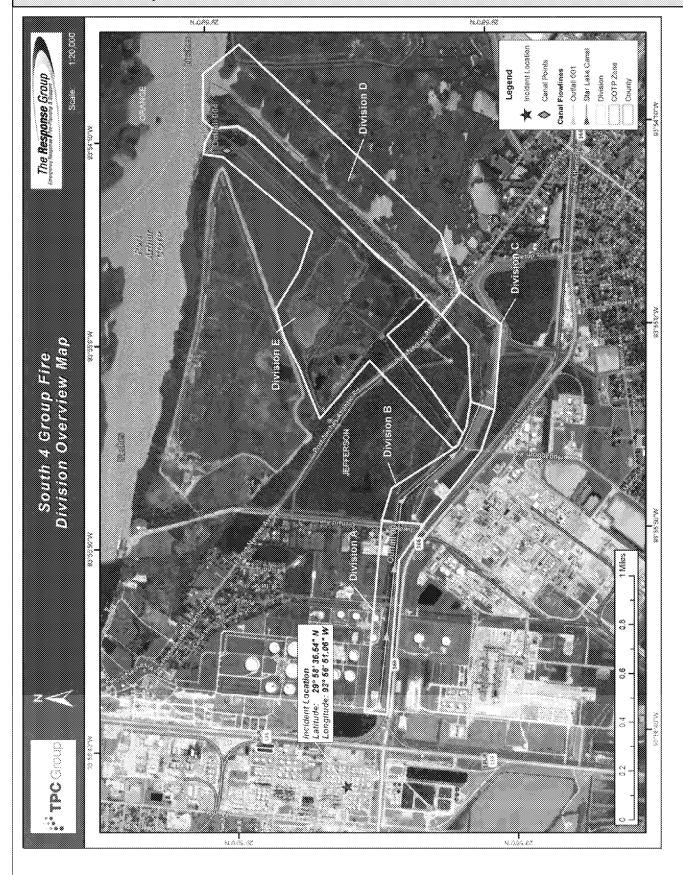
# ICS 204 - Assignment List

Incident Name: South 4 Group Fire

Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

Group: SCAT Group

## Division Overview Map



100																																														
Ю		86	ė.				94		3	8		×					×						33	ø													20	*		6è		S		200		
10	ж.	м	æ	•	ъ.	ж.		3	ж.	7	- 2	3				1	4	83	ė.	и.	92	٠.	æ	×	ж.	20	e.		2	и.	×	88	٠			ĸ.	ĸ.			20		ж.	ĸ.	ы.		
100	ж	я		20	22	•		т.	ж.	а	ж.	я	88			×	-8	0	٠.	σ.	м	×		8	ж	и.	г	х	8		а	t a	w	ь.	ю.	81	к			- 8	м	×	æ			
Ю	3		30	7	٠.	ð.	ж	÷	٠.	×	60	×	63		82	٠.	×	ĸ.	4	r		П	8	æ.	ш	8	8	8	8	88	и	a.	ж	11	м	8	٠.		***	æ	. 1	a.	8			

Group: Waste Management Group

Incident Name: South 4 Group Fire

Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

		i	ŕ	١				ì		è	ě	è	í	í	·			ř		i	į		ć	3	į,		ï	į		,		ì		·		į		ì		
		1	۰	•	į	J	۱	P	í			ľ	٤	Š	۱	•	•		ř		•	Š			•				,	٠	۱	۰	•		8		ĺ	۰		

		Operations reisonner		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	E. C.B. (C.B.)	
Operations Section Chief	Lynn, Gordon	TPC Group	Ex. 6 Personal Privacy (PP)	
Director	,	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Waste Management Group	CTEH-Mcmullian, Tami	СТЕН	(b) (6)	

### Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Waste Management Group	Frac Tank	Frac Tank	13 each	bbls
Waste Management Group	Roll Off	Roll Off	12 each	feet
Waste Management Group	Manpower: Responder	Waste Specialist	3 each	

#### **Assignments**

All waste collection activities will be conducted in accordance with Waste Management Plan, which will be approved for this task and established Federal, State and Local regulations.

Personnel will utilize roll off boxes and frac tanks to contain recovered waste.

Clean Harbors will provide information tracking, e.g. bills of lading, for waste types and volumes by collected location.

Segregate waste by their respective waste streams as necessary:

- -Oily liquids (free floating oil, oil emulsions, decon wash water)
- -Oily Solids (sand, vegetation, absorbents, ppe, debris)
- -Non-Oiled Solids (general trash)
- -Recyclables

### Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

#### **DEMOBILIZATION:**

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

	I DIMINITATIONS
Name / Function	Contact Details
Safety / Safety	Safety 1

#### Special Environmental Considerations

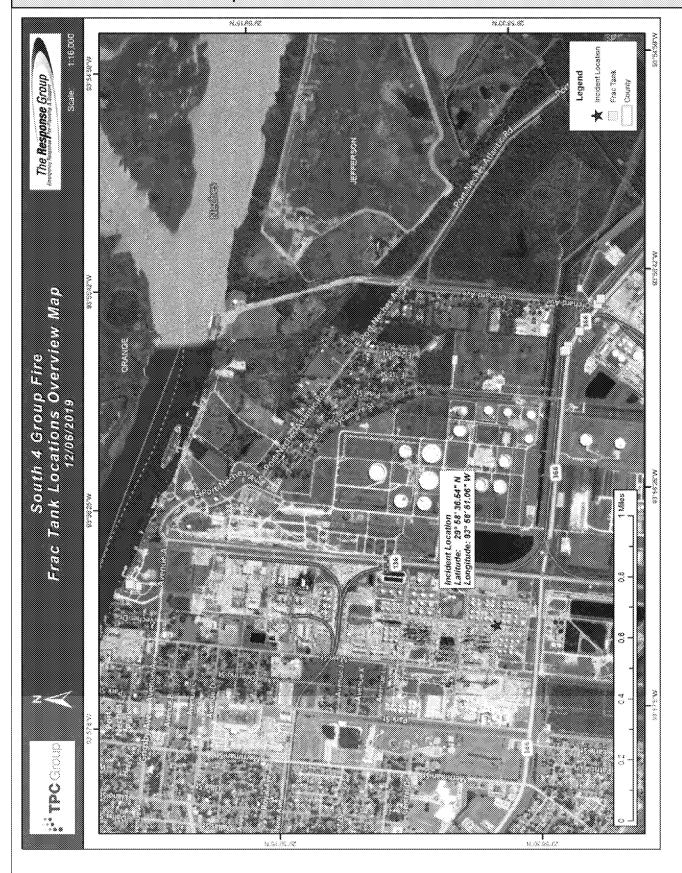
Follow approved Waste Plan for the collection of waste for proper disposal

ICS 204 - Assignment List		G	roup: Waste Management Group
Incident Name: South 4 Group Fi	re	Period: Period 9 [12/07	7/2019 06:00 - 12/08/2019 06:00]
	Special Site-Specific	Safety Considerations	
Wear Level B PPE and SCBA wh	ile collecting hazardous materi	al.	
Be aware of wildlife while working	around/near water and high g	rassy areas.	
Ensure immediate, proper labelin	g of waste.		
Monitor air quality while disposing	ı of material. Wear full Tyvek sı	uit and SCBA for ACM pickup.	
Wear chemical gloves and clothin	g appropriate for task and haza	ards for non-hazardous waste.	
Immediately report safety incident	ts and concerns to your superv	isor.	
Stay hydrated.			
ICS 204 - Assignment List			Updated 12/06/2019 15:22 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE <sup>TIG</sup>	Printed 12/06/2019 17:29 UTC -6:00	42 of 64	© TRG

Incident Name: South 4 Group Fire

Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

# 20191206 Frac Tanks Overview Map



INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	43 of 64	© TRG
ICS 204 - Assignment List		Prepared By IAP Support,	Updated 12/06/2019 15:22 UTC -6:00 PP

	t List				Group: Wild	llife Grou
Incident Name: South 4 Gr	oup Fire		Period: Perio	d 9 [12/07/2019 06:0	00 - 12/08/20	019 06:00
		Operations	Personnel			
Position	Name	Affiliation		Contact Number(	(s) Work S	hift
Operations Section Chief	Carlton, Doug	TPC Group				
Operations Section Chief	Lynn, Gordon	TPC Group		Ex. 6 Personal Privacy (F	PP)	
Wildlife Group Supervisor	Riesinger, Joyce	Wildlife Resp	onse Services LLC	850-449-1044		
		Resources	Required			
Area Of Operation	Resource i	Kind	Description		Quantity	Size
Wildlife Group	Wildlife Spe	ecialist	Wildlife Special	ist	1 each	
Wildlife Group	Wildlife Spe	ecialist	TPWD Staff		2 each	
Wildlife Group	Manpower:	Responder	Manpower: Res	sponder	3 each	
	•	Assign	ments		-	•
Guidelines for dealing with Developing Hazing Plan fo						
		Special Ins	structions			
Use proper PPE and maint	ain communications	at all times.				
Report any oiled or distres	sed wildlife to 409-23	9-4725.				
DEMOBILIZATION: For personnel LEAVING th	e incident and NOT c	coming back, plea	se call 713-748-9108	upon safe return ho	me.	
	Spe	cial Environmen	ntal Considerations			
Do not disturb any oiled or	distressed wildlife. No	otify the wildlife he	ot line immediately.			
		<u> </u>	Safety Consideration	S		
Be aware of wildlife while v	vorking around/near v	vater and high gra	assy areas.			
Steep embankments may	exist around waterway	ys. Wear flotation	device within 3' of wa	ter.		
Monitor air quality. Immedi	ately leave area with	readings elevated	I above the action limi	t.		
	d concerns to your im	mediate superviso	or.			
Report safety incidents and						
Report safety incidents and						
Report safety incidents and Stay hydrated.						
•	t			Updated 1	2/05/2019 15:1	6 UTC -6

Name Adams, Adam Biggs, Heather Branick, Jeff Brechtel, Joseph Carlton, Doug	Incident Assigned Position Federal OSC Day  Liaison Officer  Operations Section Chief	Local C  Mobile Phone 214-202-6952 832-374-3925  Ex. 6 Personal Privacy (PP)	ommunications i	Information  Email  adams.adam@epa.gov  heather.biggs@tpwd.texas.gov	Notes  Communication as needed - Day Shift
Adams, Adam Biggs, Heather Branick, Jeff Brechtel, Joseph	Federal OSC Day  Liaison Officer	214-202-6952 832-374-3925	Work Phone	adams.adam@epa.gov	Communication as needed -
Biggs, Heather Branick, Jeff Brechtel, Joseph	Liaison Officer	832-374-3925			
Branick, Jeff Brechtel, Joseph				heather.biggs@tpwd.texas.gov	
Brechtel, Joseph		Ex. 6 Personal Privacy (PP)			
		Ex. 6 Personal Privacy (PP)			Group Text Communication - Jefferson County Judge
Carlton, Doug	Operations Section Chief	_[		Scott.Brechtel@tpcgroup.com	All Communication forms- Rotating
_				doug.carlton@tpcgrp.com	All Communication forms - Night Shift
Davila, Hope	State OSC	409-791-7296		Hope.Davila@tceq.texas.gov	Email and Group Text Communication - Day Shift
Gelino, Derrick		(b) (6)			
Grimm, Robert	Local Government OSC	(b) (6)			Group Text Communication - Jefferson County OEM
Iseton, Claire		713-859-5986		claire.iseton@tpwd.texas.gov	
Jaschek, Rebecca	Liaison Officer	Ex. 6 Personal Privacy	/ (PP)	becky.jaschek@tpggroup.com	All Communication forms - Rotating
Jefferson, Alma	State OSC	713-540-1557			
Layton, Jillian	State OSC	409-728-3975	409-728-3975	Jillian.Layton@tceq.texas.gov	Email and Group Text Communication - Night Shift
Lynn, Gordon	Operations Section Chief			gordon.lynn@tpcgrp.com	All Communication forms - Day Shift
Monk, Troy	EOC Manager	Ex. 6 Personal Privacy (PP)		troy.monk@tpcgrp.com	All Communication forms - Day Shift
Nelson, Paul			409-722-5885	pnelson@ci.port-neches.tx.us	Port Neches Fire Chief
Patel, Anish		469-510-9721		patel.anish@epa.gov	Communication as needed - Day Shift
Rouse, Philip	Federal OSC Night	469-431-8856		Rouse.philip@epa.gov	Email Communication - Night Shift
Sanders, Jason	Liaison Officer	Ex. 6 Personal Privacy (PP)		jason.sanders@tpcgrp.com	All Communication forms - Rotating
Stegall, Michael			409-719-4273	mstegall@ci.port-neches.tx.us	Port Neches Assistant Fire Chief
ICS 205a - Communic	ations List			Prepared By IAP Support,	Updated 12/06/2019 17:25 UTC -6:00 PF

incident Name: 50	uth 4 Group Fire			Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]					
		Local C	ommunications	ications Information					
lame	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes				
Vhite, Michael	Local Government OSC	Ex. 6 Personal Privacy (PP)			Group Text Communication Jefferson County OEM				
Vright, Mike	EOC Manager			michael.wright@tpcgrp.com	All Communication forms - Night Shift				
Young, Patrick		214-577-3506		pay9@cdc.gov	Capt. Patrick Young				

ICS 205a - Communications List		Prepared By IAP Su	pport, Updated 12/06/2019 17:25 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	46 of 64	© TRG

ICS 206 - Medical Plan									Versio	on Na	ame: F	Perio	ıd 9
Incident Name: South 4	Group Fire				Period: Pe	eriod 9	9 [12/07	7/201	9 06:00 -	12/0	8/2019	06:	:00]
			Medica	l Aid Station	ıs								
Name		Locati	on				amedic i Site	Pho	ne		Ra	ndio	
Medical Resources - Gat	te 44	29.964	4087, -93.94673 <sup>°</sup>	7			x						
	Tra	anspor	tation (Ground	and/or Air Ai	nbulance	Serv	vices)						
Ambulance Service		Locati	on		Phone				Radio	)	Air	A	LS
Acadian Ambulance - Po (409-980-7740)	rt Arthur		.rthur, TX  nont, TX		Ph1: 40				System		X		x
Beaumont EMS		Ph1: 40				155.340				x			
Southeast Texas Air Res	scue	Beaun	North St #408 nont, TX 77702 0174, -94.12655(	3199999982	Ph1: 40	9-924	1-9262				X		_
			h	lospitals									
Hospital	Location		Phone	Radio	Air Trav Time		Groun Travel T		Trauma Center	He	lipad	Bu. Ceri	
UTMB Galveston	301 University 301 Un	TX							I	K		X	.]
The Medical Center Of Southeast Texas	2555 Jimm Johnson Bl Port Arthur 77640 29.934952, -93.985008	vd , TX	409-853-5900						IV	×	(		
Baptist Beaumont Hospital	3080 Colleg Street Beaumont, 77701 30.068474, -94.120255	TX	409-212-5012						III	х	(		
Christus Southeast Texas- St Elizabeth	2830 Calde Avenue Beaumont, 77702 30.085583, -94.131699	TX	409-892-7171						II	×	C		
ICS 206 - Medical Plan					Prepared B	iy IAP \$	Support,	Updat	ed 12/06/201	19 13:	12 UTC	-6.0	9 <del>9</del> 99
INCIDENT ACTION PLAN SOFT	<b>WARE™</b> Pri	nted 12/06	6/2019 17:29 UTC -6:00		47 of 6	4						© 1	rRG
t	L			L				1					

 ICS 206 - Medical Plan
 Version Name: Period 9

 Incident Name: South 4 Group Fire
 Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]

## Special Medical Emergency Procedures

Acadian AirMed 21, dedicated to this incident, is stationed at Jack Brooks airport. Any patients needing helicopter transport will be transported by ground to that location. Acadian Dispatch must be contacted to verify whether aircraft can fly before patient is transported. 409-980-7740.

911 ops not impacted by incident, call 911 for medical response as normal

Contact Info:

EMS Group Supervisor: Eddie Burleigh 337-278-1268 Acadian Ambulance - Port Arthur (409-980-7740)

EMS Deputy Group Supervisor: Monica Birdsong 409-201-9403 Acadian Ambulance - Port Arthur (409-980-7740)

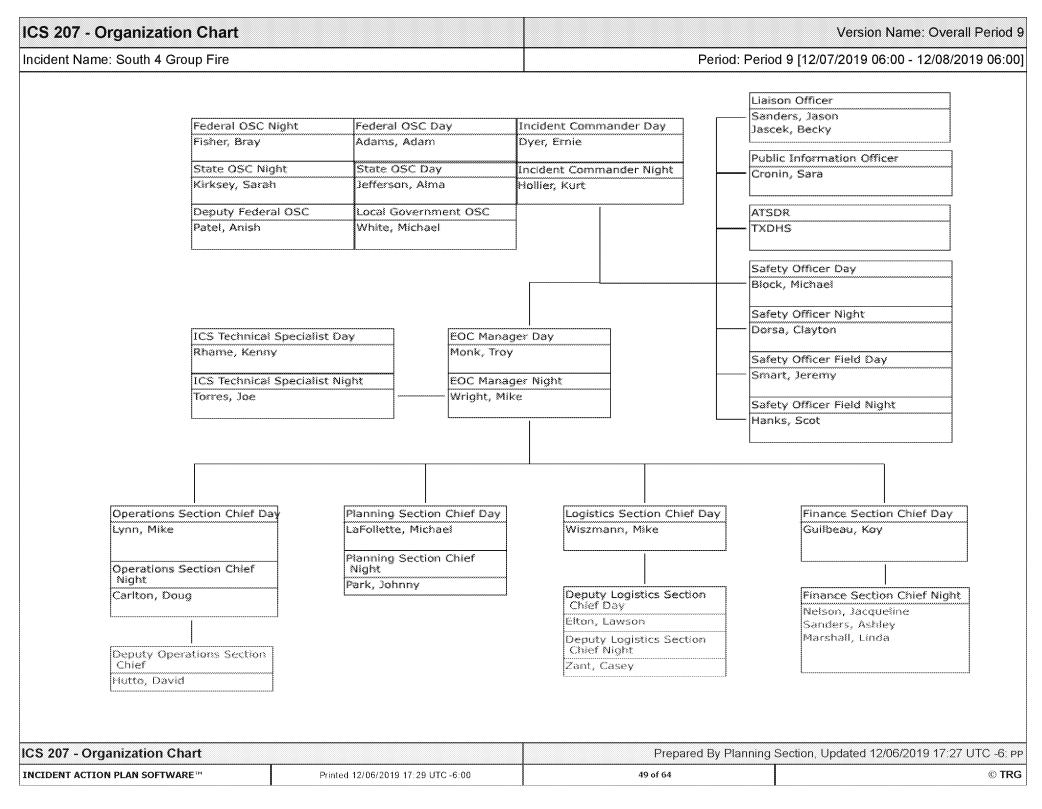
EMS Deputy Group Supervisor: Andrew Tucker (b) (6) Acadian Ambulance - Port Arthur (409-980-7740)

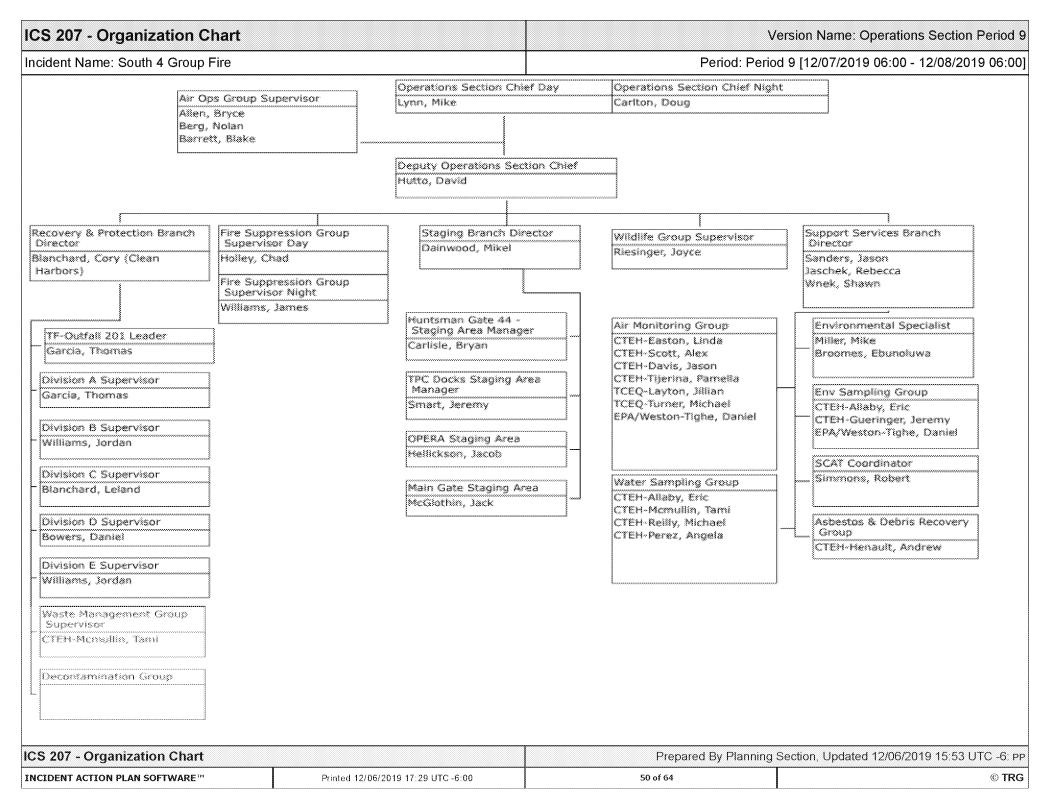
#### **EMERGENCY MEDICAL PROCEDURES**

In the event of a medical emergency provide the following information to the Communications Unit.

- 1. Declare the nature of the emergency.
  - Medical injury/illness?
  - If injury/illness, is it Life Threatening?
- 2. If Life Threatening, then request that the designated frequency be cleared for emergency traffic.
- 3. Identify the on-scene Point of Contact (POC) by Resource and Last name.
- 4. Identify nature of incident, number injured, patient assessment(s) and location (geographic and GPS coordinates).
- 5. Identify on-scene medical personnel by position and name.
- 6. Identify preferred method of patient transport.
- 7. Request any additional resources and/or equipment needed.
- 8. Document all information received and transmitted on the radio or phone.
- 9. Identify any changes in the on-scene Point of Contact or medical personnel as they occur.

ICS 206 - Medical Plan		Prepared By IAP Support, I	Jpdated 12/06/2019 13:12 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00	48 of 64	© TRG





ICS:	208 -	Site Safety P	lan							Ve	rsior	n Name: 11/28/19-8	Site Safety Plan
Incide	nt Naı	me: South 4 Grou	ıp Fire					Period: F	erio	d 9	[12/0	07/2019 06:00 - 12/	08/2019 06:00]
Applie	s to S	ite: Onsite		***************************************									
						Site Chara	acterizat	ion					
Wate	<u> </u>		Land	1				Weather					
Wave	Heigl	nt	Land	l Use				Air Temp	)	7	'2 Fa	hrenheit	
Spee	d							Wind Sp	eed	1	5 m	ph	
Direc	tion							Direction	1	Ν	INE		
						Site H	lazards						
Yes	No	Hazards		Yes	No	Hazards		Yes			No Hazards		
	X	Boat Safety		X		Heat Stre	ss	x				Steam and Hot W	ater
x		Chemical Haza	rds		X	Helicopte	r Operat	ions			X	Trenching/Excava	tion
	X	Cold Stress		X		Lifting					X	UV Radiation	
	x	Confined Space	es	X		Motor Vel	hicles		X			Visibility	
	X	Drum Handling		X		Noise			Х			Weather	
х		Equipment Ope		X		Overhead		Utilities	х			Work Near Water	
	x	Electrical Opera	ntions	X		Plants/Wi			Х		Ш	Nuclear Sources	
х		Fatigue		X		Pump Ho							
X		Fire, Explosion, Burning	In-situ	X		Slips, Trip	os, and F	alls					
						Air Monito	oring Lin	nits					
Oxyg	Oxygen Level 1,3-Butadiene					diene		0.5ppm 5	min	Nit	roge	n Dioxide	0.2ppm 5 min
LEL			1% 1 mi	n But	ane			500pp	m 5 min	1	ırticu	late Matter	351ug/m3 5 min
Hydro	gen S	ulfide		Са	rbon E	Dioxide		5000pp	m 5 min	1	tal V	'OCs	0.5ppm 5 min
Benze	ene		0.5ppm 5 mi	n Ca	rbon N	Nonoxide	25ppm 5 min						
Total	Hydro	carbons		LE	L (acti	on)		5% 1	min				
	,				,	Engineerii	ng Conti	rols					
	Sourc	ce of release sec	ured			e(s) closed				E	Energ	gy sources locked/ta	agged out
X	Site s	ecured		x		ty shut dov							
				Pers		Protective	Equipm	ent Requ	ired				
	·	rvious suit		X	Hard				Х	,	Boots		
		gloves		X	<u> </u>	irators			Х	<u>,                                    </u>		er Gear	
x		gloves		x	<del>                                     </del>	protection			х	S	SCBA	A - Fresh Air	
x	Flame	e resistant clothir	ng		1	onal flotatio							
	1				·	l Control N	leasure:	s Establis	hed	<del>, T</del>			
х		ntamination		x		ination			L	<u>,                                    </u>		ional stations estab	lished
x	Sanit	ation			Medi	cal surveilla			х	F	-acılı	ties provided	
	T	-			T		k Plan					1	
х	Boon					vation	- 1		L	<u></u>	tot w		
x	Skimi			х		y equipmer			L		appro	opriate permits used	J.
X	Vact					ent pads				_			
x	Pump	oing 			Patcl	ung			<u> </u>				
ICS 2	08 - S	ite Safety Plan					Prepare	ed By Planr	ing F	Plani	ning,	Updated 11/29/2019	12:40 UTC -6 PP
INCIDENT ACTION PLAN SOFTWARE™ Printed 12/06/2019 17:29 UTC -6:00					UTC -6:00		51 of	64				© TRG	

ics	208 - Site Safe	ety Plan			Version Name: 11/28/19-Site Safety Plan							
Incid	ent Name: South 4	4 Group Fire				Period: Period	9 [12/07/2019 06:00	- 12/08/2019 06:00]				
				Trai	ining							
x	Verified site work regulatory require	cers trained per lo ements	cal/fe	deral Training Requiren	nents		cy Response Training	)				
				Organ	izatio	on						
Posit	ion	Name		Telephone/Radio	Pos	ition	Name	Telephone/Radio				
Incid	ent Commander	McDonald, Scot	i	Ex. 6 Personal Privacy (F	hic	rations Section of	Lynn, Gordon	Ex. 6 Personal Privacy (PP)				
Safe	y Officer	Clifton, Chrisy										
			1.	Emerge	Emergency Plan							
	Fire Prevention F	Plan	x	Evacuation Plan	Evacuation Plan							
	Alarm System		X	First Aid Locatio								
				Notific	catio							
	Facility	T		Phone	p	Facility		Phone				
X	SETX		409-853-5900	X	Fire	Port Neches Fire Department	409-853-5900					
X	Ambulance	Acadian EMS		409-980-7740		Law Enforcement						
x	Air Ambulance	Acadian AirMe	d	409-980-7740		Emergency Response/Rescu						
				Initial	Rriafi	e						
	Initial safety brief	fing prepared for e	ach s		Jiieii	ng .						
	Initial duriety brief	ing propared for c	2011		s/Δnr	pendices						
Atta	-											
TPC	Boom Placement	Imagery PNG on	a		ceme	ent Imagery ndf						
	Attachment Filename  TPC_Boom Placement Imagery.PNG.png TPC_Boom Placement Imagery.pdf											
ics :	208 - Site Safety F	Plan			Pre	pared By Planning Pla	nning, Updated 11/29/2	2019 12:40 UTC -6 PP				
INCIE	ENT ACTION PLAN SOF	FTWARE™ Printed	12/06/2	1019 17:29 UTC -6:00		© TRG						

ICS 2	208 -	Site Safety P	lan								Vers	sion Name: 11/29/2	2019- Staging 15
Incide	nt Naı	me: South 4 Grou	ıp Fire						Period: F	erio	1 9 [12	/07/2019 06:00 - 12	2/08/2019 06:00]
Applie	s to S	ite: Staging 15					***************************************						
							Site Chara	cterizat	ion				
Water	,		Lan	d					Weather				
Wave	Heigl	nt	Lan	d Us	е				Air Temp	)	72 F	ahrenheit	
Speed	ı								Wind Spe	eed	15 m	nph	
Direct	ion								Direction	1	NNE		
							Site H	azards					
Yes	No	Hazards		Ye	s	No	Hazards	Yes No Hazards					
	x						Fire, Expl	osion, In	-situ		x	Pump Hose	
				Burning							<del> </del>		
x	<u> </u>	Chemical Hazar	ds ————	х		<u> </u>	Heat Stre			х	<u> </u>	Slips, Trips, and	
	X	Cold Stress		Ļ		x	Helicopte	r Operati	ions		x	Steam and Hot V	
	x	Confined Space	S	┞╞	<u> </u>	x	Lifting				x	Trenching/Excav	ation 
<u> </u>	x	Drum Handling		х	-	<u> </u>	Motor Vel	nicles			x	UV Radiation	
x	<u> </u>	Equipment Ope		х		<u> </u>	Noise			х		Visibility	
	x	Electrical Opera	tions	片		x	Overhead		Utilities	х	$+ \frac{\sqcup}{\vdash}$	Weather	
x		Fatigue		x			Plants/Wi				x	Work Near Wate	r
							Air Monito	ring Lin					
Oxygen Level 1,3-Butadiene					iene		0.5ppm 5	min	Nitrog	en Dioxide	0.2ppm 5 min		
LEL 1% 1 min Butane							500ppm 5	5min	Partic	ulate Matter	351ug/m3 5 min		
Hydro	gen S	ulfide		С	art	on D	ioxide		5000рр	m 5 min	Total \	/oc	5ppm 5min
Benze	ne			С	art	on M	lonoxide		25ppm 5	5min			
Total I	-lydro	carbons		LI	EL	ACTI	ON	5% 1 min					
						1	Engineerir	ng Conti	rols				
	Sourc	ce of release secu	ıred		<u> </u>	Valve	(s) closed				Ener	gy sources locked/	tagged out
x	Site s	ecured		x		Facilit	ty shut dow	/n					
				Pe	rsc	onal F	Protective	Equipm	ent Requi	ired			
	Impe	vious suit		х	Ī	Hard	hats			х	Boot	S	
	Inner	gloves		х	] [	Respi	irators			х	SCB	A	
х	Outer	gloves		х	] [	Eye p	rotection						
X	Flame	e resistant clothin	g	х		Perso	nal flotatio	n					
				Ad	dit	ional	Control N	leasures	s Establis	hed			
х	Deco	ntamination		х		Illumir	nation				Addi	tional stations esta	blished
х	Sanit	ation				Medic	cal surveilla	ance		х	Facil	ities provided	
							Work	( Plan					
	Boon	ning				Exca	vation				Hot ν	work	
	Skimi	ming		х		Heav	y equipmer	nt			Appr	opriate permits use	ed
	Vac t	rucks			;	Sorbe	ent pads						
	Pump	ping				Patch	ing	•					
ICS 2	)8 - S	ite Safety Plan						Prepare	ed By Plann	ning P	lanning	. Updated 11/29/201	9 14:23 UTC -6 PP
INCIDE	NCIDENT ACTION PLAN SOFTWARE™ Printed 12/06/2019 17:29 UTC -6:00						UTC -6:00		53 of	64			© TRG

ıcs	208 - Site Safe	ety Plan					Version Name: 11/2	29/2019- Staging 15			
Incide	ent Name: South 4	Group Fire			Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]						
				Tra	ining						
X	Verified site work regulatory require	ers trained per lo ements	cal/fe	deral Training Requiren	nents		cy Response Trainin	g			
				Organ	nizatio	on					
Positi	ion	Name		Telephone/Radio	Posi	tion	Name	Telephone/Radio			
Incide	ent Commander	McDonald, Scot	t ,.I		Incid	lent Commander	Hollier, Kurt				
Safet	y Officer	Clifton, Chrisy		x. 6 Personal Privacy (PP)	Safe	ty Officer	Dorsa, Clayton	Ex. 6 Personal Privacy (PP)			
Opera Chief	ations Section	Lynn, Gordon		x. o Personal Privacy (PP)	Ope Chie	rations Section f	Park, Johnny				
				Emerge	ency F	Plan					
	Fire Prevention F	Plan	x	Evacuation Plan	)						
	Alarm System	First Aid Location	n								
				Notific	catio	15					
	Facility			Phone		Facility		Phone			
x	Hospital	Medical Cente SETX	r of	409-853-5900	X	Fire	Port Neches Fire Department	409-853-5900			
x	Ambulance	Acadian Ambu	lance	800-259-1111		Law Enforcement					
X	Air Ambulance	Southeast Tex Rescue	as Air			Emergency Response/Rescu					
				Initial	Rriefi	1-					
	Initial safety brief	ing prepared for e	each s			··· <i>y</i>					
ICS 2	08 - Site Safety F	Plan			Pre	pared By Planning Pla	nning, Updated 11/29/	2019 14:23 UTC -6 PP			
INCID	ENT ACTION PLAN SOF	TWARE™ Printed	12/06/2	019 17:29 UTC -6:00		54 of 64	© TRG				

ICS :	208 -	Site Safe	ety Pl	an						Ve	rsion 1	Name: 11/29/2	019 -	Electrical Plan
Incide	nt Naı	ne: South	4 Grou	p Fire				Perio	od: Pe	eriod	9 [12/	07/2019 06:00	- 12/0	08/2019 06:00]
Applie	s to S	ite: Electri	cal Pla	n										
							Site Cl	aracterization						
Wate	•			Lar	nd			Weat	ther					
Wave	Heigl	nt		Lar	nd Us	е		Air T	emp		70 Fa	hrenheit		
Speed	k							Wind	d Spe	ed	13 m	ph		
Direc	tion							Direc	ction		SE			
							Sit	e Hazards						
Yes	No	Hazards			Yes	s N	o Hazar	ds	Yes No Hazards					
	X	Boat Safe				[	Fire, E Burnir	xplosion, In-situ g			x	Pump Hose		
х		Chemical	Hazar	ds 	x		] Heat S			X		Slips, Trips, a		
	x	Cold Stre	SS			[	Helico	pter Operations			х	Steam and H	lot Wa	ater
	x	Confined		s		[	Lifting				x	Trenching/Ex		ion
	x	Drum Har			x		Motor	Vehicles			х	UV Radiation	) 	
	х	Equipmer	·		x		Noise				х	Visibility		
	х	Electrical	Opera	tions	x			ead/Buried Utilitie	s	X		Weather		
X		Fatigue			x	L	_	/Wildlife		Ш	x	Work Near V	Vater	
								nitoring Limits						
	en Lev	el 					en Sulfide	<b>:</b>		1	otal F	lydrocarbons		
LEL					B	enze								
					<del></del>			ering Controls						
		e of releas	e secu	ıred	$\perp \perp$		lve(s) clos				Ener	gy sources loc	ked/ta	gged out
Х	Site s	ecured			x		cility shut							
								ive Equipment R	'equir					
	·	vious suit			x			ant clothing						
		gloves			x		rd hats			ᆜ	<del> </del>	onal flotation		
х	Outer	gloves					spirators			x	Boots	3		
	I				Ad			ol Measures Esta	ablish	ed	T			
		ntaminatio	<u> </u>		$\bot$		mination			$\sqsubseteq$		ional stations	establ	ished 
	Sanit	ation				Me	dical surv				Facili	ties provided		
	-							ork Plan			T			
<u> </u>	Boon				$+ \vdash$		cavation ———			屵	Hot w			
H	Skimi				$+ \vdash$		avy equip				Appro	opriate permits	usea	
<u> </u>	Vac t				+		rbent pad:	S						
Ш	Pump	oing				Pa	tching							
	) /: C				1/6 -			Training						
		ed site worl atory requir			саие	uera		ng rements						
	~	-						ganization						
Positi	on		Nam	e		Telej	hone/Rac	<del>-</del>			Name	<del></del>	Tele	phone/Radio
Incident Commander Hollier, Kurt Ex. 6 Personal Privacy (PP)						1 0-6-4 066	r		Dorsa	a, Clayton				
Incide	nt Coi	mmander	McD	onald, Scot	tt			Operations Section Lynn, Gordon Chief				Personal Privacy (PP)		
ICS 2	08 - S	ite Safety	Plan					Prepared By	/ Chris	y Clift	ton, Up	dated 11/29/20	19 23:2	26 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™ Printed 12/06/2019 17:29 UTC -6:00								55 of 64 © TRG						

ICS:	208 - Site Safety Plan					Ve	rsion Nam	ie: 11/29/20	)19 - Electrical Plan
Incide	ent Name: South 4	Group Fire				Period: Period	9 [12/07/2	019 06:00	- 12/08/2019 06:00]
Safety	y Officer	Clifton, Chrisy	Ex	. 6 Personal Privacy (PP)	Ope Chie	rations Section f	Carlton, [	Doug	Ex. 6 Personal Privacy (PP)
				Emerge	ncy F	Plan			
	Fire Prevention P	lan	х	Evacuation Plan	)				
	Alarm System		х	First Aid Locatio	n				
				Notific	catior	ıs			
	Facility			Phone		Facility			Phone
x	Hospital	Medical Cente Southeast Tex		409-853-5900	X	Fire	Port Ned Departm		409-853-5900
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcement			
х	Air Ambulance	Acadian AirMe	d	409-980-7740		Emergency Response/Rescu	I		
						е			
				Initial i	Briefi	ng			
$ar{\Box}$	Initial safety briefir	ng prepared for e	each si	te					
100.5	00 04 0.6 -				I	JF 01	.,	144/00/00:	0.00.00.UTO - 0.0
	08 - Site Safety Pl		40/00:5	40.47.00 / 170. 0.00	Pri		ion, Update	a 11/29/201	9 23:26 UTC -6:00 PP
INCIDE	ENT ACTION PLAN SOFT	<b>WARE</b> ™ Printed	12/06/20	19 17:29 UTC -6:00	1	56 of 64	l_		© TRG

ics:	208 -	Site Safety P	lan							Ve	rsion	Na	me: 11/29/2019 - S	ite Water Plan	
Incide	nt Naı	me: South 4 Grou	ıp Fire						Period: F	Period	1 9 [1	2/0	7/2019 06:00 - 12/0	08/2019 06:00]	
Applie	s to S	ite: Water Sourc	es												
							Site Chara	cterizat	ion						
Wate	•		Land	d d					Weather						
Wave	Heigl	ht	Land	d U	se				Air Temp	)	72	Fal	nrenheit		
Speed	ŀ								Wind Sp	eed	15	mp	h		
Direc	tion								Direction	1	NN	E			
							Site H	azards							
Yes	No	Hazards		Y	es	No	Hazards			Yes	N	0	Hazards		
x		Boat Safety				x	Fire, Explosion, In-		-situ		X		Pump Hose		
х		Chemical Haza	rds	[	X		Heat Stres	SS		х			Slips, Trips, and Fa	alls	
	x	Cold Stress				X	Helicopter	Operati	ions		Х		Steam and Hot Wa	nter	
	x	Confined Space	es			x	Lifting				Х	 []	Trenching/Excavat	ion	
х		Drum Handling		[	x		Motor Veh	nicles			Х	[]	UV Radiation		
x		Equipment Ope	rations	[	x		Noise			х	T		Visibility		
	x	Electrical Opera	ntions			X	Overhead	/Buried	Utilities	х			Weather		
х		Fatigue		[	x		Plants/Wil	ldlife		х			Work Near Water		
							Air Monito	ring Lin	nits						
Oxyge	en Lev	rel			1,3-	Butac	liene		0.5ppm 5	min	Nitro	gei	n Dioxide	0.2ppm 5 min	
LEL			1% 1 mi	n	But	ane			500ppm (	5min	Parti	cul	ate Matter	351ug/m3 5 min	
Hydro	gen S	ulfide		ľ	Carbon Dioxide				min			IV	OC .	5ppm 5min	
Benze	ene		0.5ppm 5m	in	Car	bon M	lonoxide		25ppm s	5min					
Total	Hydro	carbons			LEL	. ACT	ION		5% 1	min					
							Engineerin	ig Conti	rols						
	Sourc	ce of release sec	ured			Valve	(s) closed				End	erg	y sources locked/ta	gged out	
х	Site s	secured		[	X	Facili	ty shut dow	'n							
				P	ers	onal l	Protective	Equipm	ent Requ	ired					
	Impe	rvious suit		[	x	Hard	hats			х	Boo	ots			
	Inner	gloves				Resp	irators			Х	Esc	сар	e pack		
x	Outer	gloves		[	x	Eye p	rotection								
X	Flame	e resistant clothir	ng	[	X	Perso	nal flotatio	n							
				Α	ddi	tional	Control M	leasures	s Establis	hed					
х	Deco	ntamination			X	Illumi	nation				Ado	ditio	onal stations establ	ished	
х	Sanit	ation				Medic	cal surveilla	ince		х	Fac	cilit	ies provided		
							Work	Plan							
х	Boon	ning				Exca	vation		***************************************		Hot	t w	ork		
х	Skimi	ming		[	x	Heav	y equipmer	nt			Apı	pro	priate permits used		
х	Vac t	rucks		[	x	Sorbe	ent pads								
	Pump	oing				Patch	ing								
				*											
ICS 2	08 - S	ite Safety Plan						Prepa	ired By Chr	isy Cl	ifton,	Upo	lated 11/29/2019 23	37 UTC -6:00 PP	
		ION PLAN SOFTWARI	E™ Printed 1	12/06	5/201	9 17:29	UTC -6:00		57 of					© TRG	

ics	208 - Site Safe	ety Plan				Vers	sion Name: 11/29/20	19 - Site Water Plan					
Incide	ent Name: South 4	Group Fire			Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]								
				Tra	ining								
X	Verified site work regulatory require		cal/fe	deral Training Requiren	nents		cy Response Trainir	ıg					
				Orgar	oizatio	on							
Positi	ion	Name		Telephone/Radio	Posi	tion	Name	Telephone/Radio					
Incide	ent Commander	Hollier, Kurt			Incid	lent Commander	McDonald, Scott						
Safet	y Officer	Dorsa, Clayton		Ex. 6 Personal Privacy (PP)	Safe	ty Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)					
Opera Chief	ations Section	Park, Johnny			Ope Chie	rations Section f	Lynn, Gordon						
				Emerge	ency F	Plan							
x Fire Prevention Plan x			x	Evacuation Plan	1								
	Alarm System		x	First Aid Location	n								
				Notifi	ifications								
	Facility			Phone		Facility		Phone					
x	Hospital	Medical Cente SETX	er of	409-853-5900	X	Fire	Port Neches Fire Department	409-853-5900					
x	Ambulance	Acadian Ambı	ulance	800-259-1111		Law Enforcement							
X	Air Ambulance	Southeast Tex Rescue	kas Aiı	r		Emergency Response/Rescu	ı						
				Initial	Briefi	1-							
	Initial safety brief	fing prepared for	each s										
ICS 2	08 - Site Safety F	Plan			Pr	epared By Chrisy Clif	ton, Updated 11/29/20	19 23:37 UTC -6:00 PP					
INCID	ENT ACTION PLAN SOF	TWARE™ Printed	12/06/2	019 17:29 UTC -6:00		58 of 64		© TRG					

ics 2	208 -	Site Safety P	lan							V	ersio	n N	ame: 12/03/19 TK	25 Safety Plan	
Incide	nt Nar	me: South 4 Grou	up Fire						Period: F	Period	1 9 [1	2/0	7/2019 06:00 - 12/	08/2019 06:00]	
Applie	s to S	ite: Onsite				***************************************									
							Site Chara	cterizat	ion						
Water			Land	d					Weather						
Wave	Heigl	nt	Land	d U	se				Air Temp	)	66	Fal	nrenheit		
Speed	ŀ								Wind Sp	eed	7 n	nph			
Direct	tion								Direction	1	SS	W			
							Site H	azards							
Yes	No	Hazards		Ye	es	No	Hazards			Yes	N	o	Hazards		
	X	Boat Safety		x			Fire, Explo	osion, In	-situ		X	(	Pump Hose		
х		Chemical Hazar	rds	[2	K		Heat Stres	ss		х			Slips, Trips, and F	alls	
	х	Cold Stress				х	Helicopter	<sup>r</sup> Operati	ions	х			Steam and Hot Wa	ater	
	X	Confined Space	es			x	Lifting				×		Trenching/Excava	tion	
	х	Drum Handling		2	K		Motor Veh	nicles			X	(	UV Radiation		
х		Equipment Ope	rations	2	K		Noise			х			Visibility		
	х	Electrical Opera	ations	2	K		Overhead	/Buried l	Utilities	х			Weather		
х		Fatigue		2	K		Plants/Wil	ldlife				Work Near Water			
							Air Monito	ring Lin	nits						
Oxyge	n Lev	el		,	1,3-	-Butad	liene		0.5ppm 5	min	Nitro	ger	n Dioxide	0.2ppm 5 min	
LEL			1% 1 m	in I	3ut	ane			500рр	m 5 min	Parti	cul	ate Matter	351ug/m3 5 min	
Hydro	gen S	ulfide		1	Car	bon D	ioxide		5000рр	m 5 min	Total	IV	OCs .	0.5ppm 5 min	
Benze	ne		0.5ppm 5 m	in	Car	bon N	lonoxide		25ppm 5	min					
Total	Hydro	carbons			_EL	_ (actio	on)		5% 1	min					
							Engineerin	ig Conti	rols						
	Sourc	ce of release sec	ured		☐ Valve(s) closed					End	erg	y sources locked/ta	agged out		
X	Site s	ecured		[2	ĸ	Facili	ty shut dow	n 'n							
				P	ers	onal l	Protective	Equipm	ent Requ	ired					
	Impei	rvious suit		[2	K	Hard	hats			х	Boo	ots			
	Inner	gloves		[2	K	Resp	irators			х	Bui	Bunker Gear			
X	Outer	gloves		[2	K	Eye p	rotection			х	sc	BA	- Fresh Air		
X	Flame	e resistant clothir	ng			Perso	onal flotatio	n							
				Α	ddi	tional	Control M	leasures	s Establis	hed					
	Deco	ntamination		2	K	Illumi	nation				Ado	ditio	onal stations establ	lished	
х	Sanit	ation				Medic	cal surveilla	ınce		х	Fac	ciliti	ies provided		
							Work	Plan							
	Boon	ning				Exca	vation				Hot	t w	ork		
	Skimi	ming			ĸ	Heav	y equipmer	nt			Apı	pro	priate permits used	1	
	Vac ti	rucks				Sorbe	ent pads			х	Ins	pec	ction		
	Pump	oing				Patch	ning								
														-	
ICS 2	08 - Si	ite Safety Plan						Prepa	red By Safe	ety Of	ficer,	Upo	lated 12/04/2019 02:	56 UTC -6:00 PP	
INCIDE	NT ACT	ION PLAN SOFTWARI	E™ Printed 1	2/06	/201	9 17:29	UTC -6:00		59 of	64				© TRG	

ics	208 - Site Safe	ety Plan				Ve	rsion Name: 12/03/19	TK 25 Safety Plan				
Incid	ent Name: South 4	4 Group Fire			Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]							
				Tra	ining							
x	Verified site work regulatory require	cers trained per lo	cal/fe	deral Training Requiren	nents	Annual ERT & Ba	asic Plus Training					
				Orgai	nizatio	on						
Posit	ion	Name		Telephone/Radio	Posi	tion	Name	Telephone/Radio				
Incid	ent Commander	Kurt Hollier			Incid	ent Commander	McDonald, Scott					
Safet	afety Officer Dorsa, Clayton			Ex. 6 Personal Privacy (PP)	Safe	ty Officer	Clifton, Chrisy	Ex. 6 Personal Privacy (PP)				
Oper Chief	erations Section Gehrke, Brian ef				Ope Chie	rations Section f	Lynn, Gordon					
				Emerge	ency F	Plan		1				
	Fire Prevention F	Plan	x	Evacuation Plan	ı							
	Alarm System		x	First Aid Location	n							
				Notifi	cation	າຣ						
	Facility			Phone		Facility		Phone				
x	Hospital	Medical Cente SETX	r of	409-853-5900	X	Fire	Port Neches Fire Department	409-853-5900				
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcement						
x	Air Ambulance	Acadian AirMe	d	409-980-7740		Emergency Response/Rescu						
				Initial	Briefi	na						
П	Initial safety brief	fing prepared for e	ach s									
	1 -			Attachment	s/App	endices						
Attac	hment			Filename								
Tank	25 Inspection Saf	fety Plan.docx		Tank 25 Inspec	ction S	Safety Plan.docx						
ICS 2	08 - Site Safety F	Plan			Pre	epared By Safety Offic	cer, Updated 12/04/201	9 02:56 UTC -6:00 PP				
INCID	ENT ACTION PLAN SOF	FTWARE™ Printed	12/06/2	019 17:29 UTC -6:00		60 of 64		© TRG				

ICS 2	208 -	Site Safety P	lan								Ver	sion Name: 12/6/1	l9 - Dock Staging	
		me: South 4 Grou							Period: F	Period		/07/2019 06:00 - 1		
ļ		ite: Staging 15	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											
							Site Chara	cterizat	ion					
Water	•		Land	 d					Weather					
Wave	Heigl	ht	Land	d U	se				Air Temp	)	79 F	ahrenheit		
Speed	_								Wind Sp		11 m	noh		
Direct									Direction		WNV			
							Site H	azards						
Yes	No	Hazards		Υe	es	No	Hazards			Yes	No	Hazards		
	x	Boat Safety				x	Fire, Explo	osion, In	-situ		x	Pump Hose		
х		Chemical Hazar	rds	>	<b>.</b>		Heat Stres	ss		х		Slips, Trips, and	l Falls	
	х	Cold Stress				х	Helicopter	Operati	ions		х	Steam and Hot	Water	
	x	Confined Space	es			x	Lifting				x	Trenching/Exca	vation	
	х	Drum Handling		7	<u> </u>		Motor Veh	nicles			x	UV Radiation		
х		Equipment Ope	rations	)	=-		Noise			х		Visibility		
	х	Electrical Opera	itions			х	Overhead	/Buried	Utilities	х		Weather		
х		Fatigue		7	<u> </u>		Plants/Wil	ldlife			x	Work Near Wate	er	
		-					Air Monito	ring Lin	nits		-			
Oxyge	n Lev	el		1	1,3-	·Butad	liene		0.5ppm 5	min	Nitrog	en Dioxide	0.2ppm 5	
LEL			1% 1 mi	n E	3uta	ane			500ppm :	5min	Partic	ulate Matter	351ug/m3 5 min	
Hydro	gen S	ulfide			Car	bon D	ioxide		5000pp	m 5 min	Total \	VOC	5ppm 5min	
Benze	ne			1	Car	bon V	lonoxide		25ppm s	5min				
		carbons		L	EL	. ACTI	ION		5% 1					
							Engineerin	ig Conti	rols					
	Sourc	ce of release sec	ured	П	7		(s) closed				Ener	gy sources locked	l/tagged out	
х	Site s	ecured		5	<u> </u>		ty shut dow	 n						
						onal I	Protective	Equipm	ent Regu	ired				
П	Impei	rvious suit		7		Hard			-	х	Boot	S		
		gloves		5		Resp	irators			x	SCB	A		
х	Outer	gloves		>		Eye p	rotection							
х	Flame	e resistant clothin	ıg	7	=	Perso	nal flotatio	n						
				A	ddi	tional	Control M	leasure:	s Establis	hed				
х	Deco	ntamination		7	<u> </u>	Illumi	nation				Addi	tional stations est	ablished	
х	Sanita	 ation		Ť	T	Medic	cal surveilla	ınce		х	Faci	lities provided		
							Work	Plan				-		
	Boom	 ning		П	7	Exca	vation			П	Hot	work		
	Skimi			5	<		y equipmer	 nt			Appr	opriate permits us	sed	
	Vac ti			F	]		ent pads				<del></del>	- · · · · · · · · · · · · · · · · · · ·		
	Pump	 Ding		Г	]	Patch								
				L							L			
ICS 2	08 - Si	ite Safety Plan						Prepare	ed By Planr	ning P	lanning	Updated 12/06/20	19 14 10 UTC -6 PP	
INCIDE	NT ACT	ION PLAN SOFTWARE	E™ Printed 1	12/06	/201	9 17:29	UTC -6:00		61 of	64			© TRG	

ıcs	208 - Site Safe	ety Plan					Version Name:	12/6/19 - Dock Staging					
Incid	ent Name: South 4	4 Group Fire			Period: Period 9 [12/07/2019 06:00 - 12/08/2019 06:00]								
				Tra	ining								
x	Verified site work regulatory require	cers trained per lo ements	ocal/fed	deral Training Requirer			ncy Response Traii	ning					
				Orgai	nizatio	on							
Posit	tion	Name	7	Telephone/Radio	Posi	ition	Name	Telephone/Radio					
Incid	ent Commander	McDonald, Scot	tt		Incid	lent Commander	Hollier, Kurt						
Safe	Safety Officer Clifton, C				Safe	ty Officer	Dorsa, Clayton	Ex. 6 Personal Privacy (PP)					
Oper Chie	rations Section f	Lynn, Gordon	E	x. 6 Personal Privacy (PP)	Ope Chie	rations Section of	Park, Johnny						
				Emerge	ency l	Plan							
	Fire Prevention I	Plan	x	Evacuation Plan									
	Alarm System		x	First Aid Location	on								
				Notifi	catio	าร							
	Facility			Phone		Facility	I	Phone					
x	Hospital	Medical Center of SETX		409-853-5900	x	Fire	Port Neches Fire Department	409-853-5900					
X	Ambulance	Acadian Ambi		800-259-1111		Law Enforcement							
x	Air Ambulance	Southeast Tex Rescue	xas Air			Emergency Response/Resc e	u						
					Briofi	1-							
	Initial cofety brief	fing prepared for	aaab a			9							
	208 - Site Safety I		I 12/06/20	019 17:29 UTC -6:00	Pre	pared By Planning Pi 62 of 64	lanning, Updated 12/0	06/2019 14:10 UTC -6 рр © <b>ткс</b>					
				<b></b>			I						

modern radine.	South 4 Group	Fire						Period: Period	9 [12/07	7/2019 06:00 - 12/08/2019 06:00		
	Sunrise			Sunset				Ready Alert	-			
12/0	7/2019 06:54		12/07	/2019 17:16	Medivac							
Remarks (s	afety notes,	hazards, ai	r operations spec	ial equipment, etc)	New Incide	nt		***************************************	***************************************			
Operations to as incident site to d	sist response etermine tacti	personnel ocs and assis	utilizing thermal and st in response plan	d visual imagery at the ning.	Altitude 2000 Center Point 29.976815, -93.947531							
landing sites due	e to number of	power lines	onders. Consider se s IVO incident locat redeploy as conditi	election of take off and ion. Keep continuous ons warrant.	Frequency / I		76815, -9	Frequen	cies AM	FM		
			onnel									
Position		Name		Phone	_							
Air Ops Group S (Data Collection)		Allen, Bry	ce	(b) (6)								
Air Ops Branch I	Director	Barrett, B	lake	832-622-8136								
Visual Observer		Berg, Not	an	(b) (6)								
				Fixed-Wi	ng Aircraft							
FAA N#	Category	/	Make/Model	Base		Available		Start	Rema	Remarks		
ASPECT				BPT		12/01/2019 08:00		EF		Aircraft		
	1						כ			, morare		
				Helic	opters		)			, iii sian		
FAA N#	Category		Make/Model	Helic Base	opters			Start	Rema			
FAA N# FA3WNXXPCY	Category sUAV		Make/Model Phantom 4 Pro V2	<del></del>		08:00	<i>able</i> 3/2019	Start 12/07/2019 07:00	Rema			
	<del></del>	F		Base Incident Comm	and Post	08:00 Avail 11/28 06:00	able 3/2019 0 9/2019	12/07/2019	Rema	arks		
FA3WNXXPCY	sUAV	F	Phantom 4 Pro V2	Base Incident Comm	and Post	08:00 Avail 11/28 06:00 11/29 06:00	able 3/2019 0 9/2019 0 9/2019	12/07/2019 07:00 12/07/2019	Rema	arks		
FA3WNXXPCY	sUAV	F	Phantom 4 Pro V2 Matrice 210v2 RTK	Base Incident Comm Incident Comm	and Post and Post and Post	08:00 Avail 11/28 06:00 11/29 06:00 11/29	able 3/2019 0 9/2019 0 9/2019	12/07/2019 07:00 12/07/2019 06:00 12/07/2019	Rema	arks		
FA3WNXXPCY	sUAV	F	Phantom 4 Pro V2 Matrice 210v2 RTK Matrice M600	Base Incident Comm Incident Comm	and Post and Post and Post	08:00    Avail	able 3/2019 0 9/2019 0 9/2019	12/07/2019 07:00 12/07/2019 06:00 12/07/2019	Rema	arks		
FA3WNXXPCY FA3HCFMKEH FA34CL9AA3	sUAV sUAV	P N T A	Phantom 4 Pro V2  Matrice 210v2 RTK  Matrice M600  Iame of Personnel of actical Aircraft	Base Incident Comm Incident Comm Incident Comm Task / Mission	and Post and Post and Post	08:00    Avail	9/2019 0 9/2019 0 9/2019 0 9/2019	12/07/2019 07:00 12/07/2019 06:00 12/07/2019 06:00	Rema	arks D. Lindsey		
FA3WNXXPCY FA3HCFMKEH FA34CL9AA3 Function	sUAV sUAV sUAV	N T A in	Phantom 4 Pro V2  Matrice 210v2 RTK  Matrice M600  Iame of Personnel of actical Aircraft erial Observation a acident location.	Base Incident Comm Incident Comm Incident Comm  Incident Comm  Task / Mission or Cargo or Instructions	and Post and Post and Post  Assignment for Mission 12/06/2 07:00	08:00    Avail	Fly To	12/07/2019 07:00 12/07/2019 06:00 12/07/2019 06:00	Rema	arks D. Lindsey		
FA3WNXXPCY FA3HCFMKEH FA34CL9AA3 Function Aerial Observation	sUAV sUAV sUAV	N T A in	Phantom 4 Pro V2  Matrice 210v2 RTK  Matrice M600  Iame of Personnel of actical Aircraft erial Observation a cident location.  erform IR flight ove	Base Incident Comm Incident Comm Incident Comm Task / Mission or Cargo or Instructions and imagery capture of	and Post  and Post  and Post  and Post  n / Assignm for Mission  12/06/2 07:00  eas 12/06/2	08:00    Avail	Sable   Sabl	12/07/2019 07:00 12/07/2019 06:00 12/07/2019 06:00 Location	Rema	arks D. Lindsey  Fly From  Recommended Safe Distance		

ncident Name: South 4 Group	Fire		Period: Period	9 [12/07/2019 06:00 - 12/08/2019 06
Aerial Observation	Aerial Observation and imagery capture of waterway Divisions A-E.	12/06/2019 14:00	Division E	Division A
	waterway Billioteria 71 E.	171.00		
S 220 - Air Operations Sum	mary		Prepared By Air Operation	ons, Updated 12/06/2019 16:23 UTC -6:0
CIDENT ACTION PLAN SOFTWARE™	Printed 12/06/2019 17:29 UTC -6:00		64 of 64	© 1